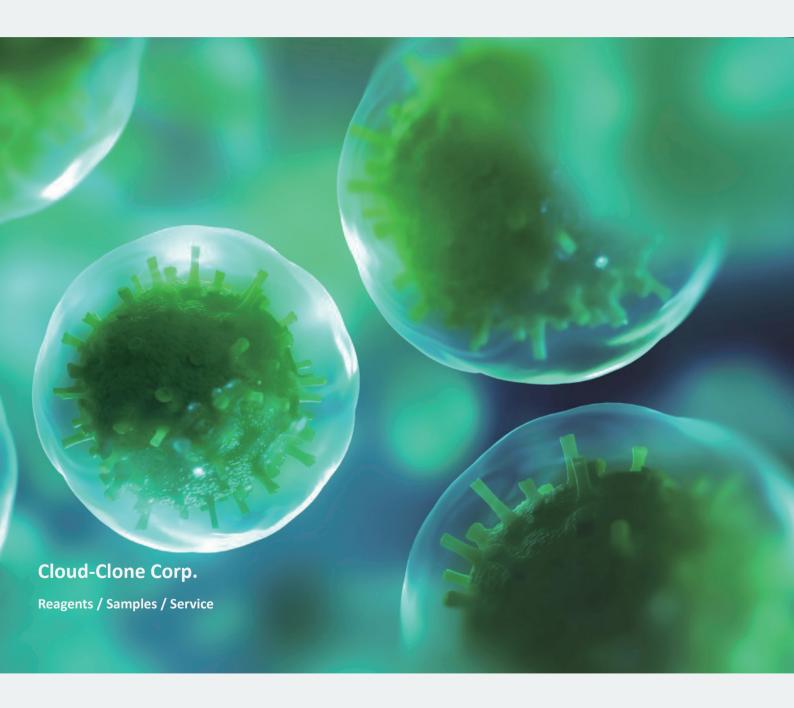


# **Cloud-Clone Infection Immunity Related Products**



Infection usually refers to local tissue and systemic inflammatory reactions caused by the invasion of pathogens such as bacteria, viruses, fungi and parasites into the human body. Infections usually cause leukocytosis, primarilyan increase in the number of neutrophils and immature circulating neutrophils. Although the early white blood cell count did not exceed the normal range and there were few mature granulocytes from the bone marrow, the release of neutrophils was caused by the directaction of interleukin-1 and interleukin-6 on the bone marrow neutrophil pool. In chronic infections, the continued increase in the number of neutrophils is in most cases mediated by stimuli produced bymacrophages, lymphocytes and other tissues. The severity of these phenomena can lead to leukemia-like reactions that release immature white blood cells into blood circulation. With the further study of the infection mechanism, someprotein markers related to infection have also begun to be used as indicators ofinfection, type of infection and treatment of infection, such as: PCT(procalcitonin), CRP(C-reactive protein), IL-6 (interleukin 6), IL-10 (interleukin10), HMGB1(high mobility group protein 1) and SAA (serum amyloid A), etc., as indicators of infection support.

1000+
Citations

66
Targets

Protein
Antibody
ELISA Kit

## 1. Excellent citations of Infection Immunity related products(Excerpt)

Item	Species	Core No.	Journals	IF	Pubmed/DOI	Institute
b2M	Mouse	A260	Nature	64.8	37587343	Department of Anatomy, University of California San Francisco
CGRP	Human	A876	Gastroenterology	29.4	28483500	Farncombe Family Digestive Health Research Institute, McMaster University
MUC2	Mouse	A705	Cell Stem Cell	23.9	31564549	Perelman School of Medicine, University of Pennsylvania
CRP	Mouse	A821	Nature Communications	16.6	29410422	University Heart Center, and Medical Faculty, University of Freiburg
b2M	Mouse	A260	Nature Communications	16.6	28959042	Department of Neurobiology, Weizmann Institute of Science
MIP1a	Mouse	A927	Nature Communications	16.6	32332752	Wuhan University
ALT	Mouse	A207	Nature Communications	16.6	38286999	University of Science and Technology of China
ALB	Mouse	B028	Nature Communications	16.6	38286999	University of Science and Technology of China
CGRP	Human	A876	Nature Communications	16.6	35668093	The First Affiliated Hospital of Nanjing Medical University
b2M	Human	A260	Adv Sci	15.1	36031399	Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences

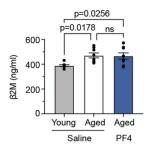


Figure . Quantification of plasma levels of  $\ \beta$  2M by ELISA. (Adam B. Schroer, 2023)

(Product No.: SEA260Mu Sample type: plasma)

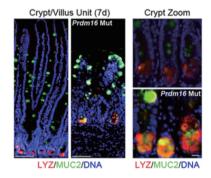


Figure . Immunofluorescence in villi and crypts at 7d post tmx. Full villus (left), magnified crypt (right). Goblet cell marker (Mucin 2; MUC2, green), Paneth cell marker (Lysozyme; LYZ, red), DNA (DAPI, blue). arrowheads = MUC2/LYZ double-positive cells. (Rachel R. Stine, 2020)

(Product No.: PAA705Mu02 Sample type: villi and crypts tissues)

BDNF /β-actin	20 (20–28)	29 (17–52)	25 (17–41)	37 (21–55)	124.0	.10
BDNF ELISA	6.61 (2.43–8.41)	4.87 (3.21–11.11)	7.00 (3.60–10.56)	5.83 (3.15–10.37)	148.0	.65
CGRP	23.6 (17.1–28.8)	25.2 (18.8–30.8)	23.8 (17.4–30.3)	26.5 (20.9–32.7)	147.0	.34
Substance P	1.01 (0.61–1.42)	1.26 (0.75–1.60)	1.03 (0.75–1.49)	1.19 (0.59–1.51)	176.0	.91
Serotonin	12.3 (5.8–14.5)	10.2 (6.6–19.3)	8.3 (4.2–14.9)	8.9 (5.9–12.1)	165.0	.67

Figure . No differences in serum inflammatory markers (CRP, tumor necrosis factor- $\alpha$ , interferon- $\gamma$ , interleukin [IL]1 $\beta$ , IL6, IL8, IL10, IL12, and IL10/12 ratio) or neurotransmitters (5-HT, substance P, and CGRP) were found between the groups at 6 weeks. (Premysl Bercik, 2017)

(Product No.: CEA876Hu Sample type: serum)

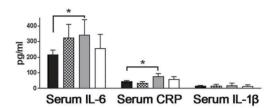


Figure . Serum levels of IL-6, CRP and IL-1  $\beta$   $\,$  in the mice of 4 groups.(Cheng Ye, 2018)

(Product No.: SEA821Mu Sample type: serum)

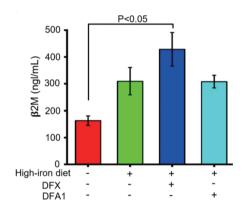


Figure . Renal injury biomarker levels of b2M in high-iron diet C57BL/6 mice responding to oral administration of DFX and DFA1 at a dose of 20 mg/kg body weight for 4 weeks. (Wenya Feng, 2022)

(Product No.: SEA260Hu Sample type: serum)

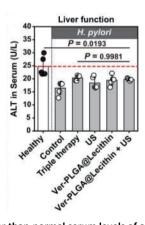


Figure . Lower-than-normal serum levels of albumin and higher-than-normal serum levels of alanine aminotransferase (ALT) and aminotransferase (AST) indicate liver damage or dysfunction. (Lihua Yang, 2024) (Product No.: SEA207Mu Sample type: serum)

## 2. Citation statistics of Infection Immunity related products (Excerpt)

## Interferon Gamma (IFNg)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken, Sheep, Horse	179

#### Excerpt:

- 1. Wu X, He C, Wu Y, et al. Nanogel-Incorporated Physical and Chemical Hybrid Gels for Highly Effective Chemo–Protein Combination Therapy[J]. Advanced Functional Materials, 2015, 25(43): 6744-6755. (IF=13.325)
- 2. Norian R, Azadmehr A. Evaluation of Cell-mediated Immune Response in PBMCs of Calves Vaccinated by Capri Pox Vaccines Using ELISA and Real-time RT-PCR[J]. Research in Molecular Medicine, 2017, 5(2): 3-8. (IF=11.021)
- 3. Mai S, Zou L, Tian X, et al. Double-Edged Effect of Hydroxychloroquine on Human Umbilical Cord-Derived Mesenchymal Stem Cells Treating Lupus Nephritis in MRL/lpr Mice[J]. Molecular pharmaceutics, 2018, 15(5): 1800-1813.
- 4. Gao D, Pang J Y, Zhang C E, et al. Poria attenuates idiosyncratic liver injury induced by polygoni multiflori radix praeparata[J]. Frontiers in pharmacology, 2016, 7: 386.
- 5. Zhang Q, Bao C, Cai X, et al. Sonodynamic therapy-assisted immunotherapy: A novel modality for cancer treatment[J]. Cancer science, 2018, 109(5): 1330.
- 6. Li K, Liu Y, Liu C, et al. Evaluation of two strains of Marek's disease virus serotype 1 for the development of recombinant vaccines against very virulent infectious bursal disease virus[J]. Antiviral research, 2017, 139: 153-160.

## Transforming Growth Factor Beta 1 (TGFb1)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken, Sheep, Horse	167

#### Excerpt:

- 1. Mateu-Jimenez M, Curull V, Pijuan L, et al. Systemic and tumor Th1 and Th2 inflammatory profile and macrophages in lung cancer: influence of underlying chronic respiratory disease[J]. Journal of Thoracic Oncology, 2017, 12(2): 235-248. (IF=10.34)
- 2. Picone P, Sabatino M A, Ditta L A, et al. Nose-to-brain delivery of insulin enhanced by a nanogel carrier[J]. Journal of Controlled Release, 2018, 270: 23-36. (IF=7.877)
- 3. Yu Z, Sun D, Feng J, et al. MSX3 switches microglia polarization and protects from inflammation-induced demyelination[J]. Journal of Neuroscience, 2015, 35(16): 6350-6365. (IF=5.971)
- 4. Wang A, Wang F, Yin Y, et al. Dexamethasone reduces serum level of IL-17 in Bleomycin-A5-induced rats model of pulmonary fibrosis[J]. Artificial cells, nanomedicine, and biotechnology, 2018, 46(4): 783-787.
- 5. Xiao H, Ma X, Feng W, et al. Metformin attenuates cardiac fibrosis by inhibiting the TGFβ1–Smad3 signalling pathway[J]. Cardiovascular research, 2010, 87(3): 504-513.
- 6. Wang K, Lu D, Zhang B, et al. Renal denervation attenuates multi-organ fibrosis and improves vascular remodeling in rats with transverse aortic constriction induced cardiomyopathy[J]. Cellular Physiology and Biochemistry, 2016, 40(3-4): 465-476.

#### C Reactive Protein (CRP)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken	123

- 1. Wolf D, Anto-Michel N, Blankenbach H, et al. A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense[J]. Nature communications, 2018, 9(1): 525. (IF=12.353)
- 2. Meng S. Resveratrol Inhibited Inflammation and Alveolar Bone Loss in Periodontitis[J]. Int J Dentistry Oral Sci. S, 2015, 6: 1-
- 5. (IF=6.383)

- 3. Ye C, Wang R, Wang M, et al. Leptin alleviates intestinal mucosal barrier injury and inflammation in obese mice with acute pancreatitis[J]. International Journal of Obesity, 2018: 1. (IF=5.159)
- 4. Zhang L, Zhang T, Ding L, et al. The Protective Activities of Dietary Sea Cucumber Cerebrosides Against Atherosclerosis Through Regulating Inflammation and Cholesterol Metabolism in Male Mice[J]. Molecular nutrition & food research, 2018: 1800315. (IF=5.151)
- 5. Albert B B, De Bock M, Derraik J G B, et al. Among overweight middle-aged men, first-borns have lower insulin sensitivity than second-borns[J]. Scientific reports, 2014, 4: 3906. (IF=4.122)

## Myeloperoxidase (MPO)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken, Sheep, Horse	105

#### Excerpt:

- 1. Chmielewski M, Hahn O, Rappl G, et al. T cells that target carcinoembryonic antigen eradicate orthotopic pancreatic carcinomas without inducing autoimmune colitis in mice[J]. Gastroenterology, 2012, 143(4): 1095-1107. e2. (IF=20.773)
- 2. Wang L, Zhang W, Ge C H, et al. Toll-like receptor 5 signaling restrains T-cell/natural killer T-cell activation and protects against concanavalin A-induced hepatic injury[J]. Hepatology, 2017, 65(6): 2059-2073. (IF=14.079)
- 3. Zhong R, Xie H, Kong F, et al. Enzyme catalysis—electrophoresis titration for multiplex enzymatic assay via moving reaction boundary chip[J]. Lab on a Chip, 2016, 16(18): 3538-3547. (IF=5.995)
- 4. Li M, Wang B, Sun X, et al. Upregulation of intestinal barrier function in mice with DSS-induced colitis by a defined bacterial consortium is associated with expansion of IL-17A producing gamma delta T cells[J]. Frontiers in immunology, 2017, 8: 824. (IF=5.511)
- 5. Wang B, Yang A, Zhao Z, et al. The Plasma Kallikrein–Kininogen Pathway is critical in the Pathogenesis of colitis in Mice[J]. Frontiers in Immunology, 2018, 9: 21. (IF=5.511)

## Interleukin 8 (IL8)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken, Sheep, Horse	92

#### Excerpt:

- 1. Luo J Y, Li X M, Zhou Y, et al. Mutant DD genotype of NFKB1 gene is associated with the susceptibility and severity of coronary artery disease[J]. Journal of molecular and cellular cardiology, 2017, 103: 56-64. (IF=5.296)
- 2. Wang A, Wang F, Yin Y, et al. Dexamethasone reduces serum level of IL-17 in Bleomycin-A5-induced rats model of pulmonary fibrosis[J]. Artificial cells, nanomedicine, and biotechnology, 2018, 46(4): 783-787.
- 3. Jackson C J, Reppe S, Eidet J R, et al. Optimization of Storage Temperature for Retention of Undifferentiated Cell Character of Cultured Human Epidermal Cell Sheets[J]. Scientific Reports, 2017, 7(1): 8206.
- 4. Cui Y, Pi X, Wang C, et al. Effects of different ventilation strategies on exhaled nitric oxide in geriatric abdominal surgery[J]. Journal of breath research, 2015, 9(1): 016006.
- 5. Pagani S, Borsari V, Veronesi F, et al. Increased Chondrogenic Potential of Mesenchymal Cells From Adipose Tissue Versus Bone Marrow-Derived Cells in Osteoarthritic In Vitro Models[J]. Journal of cellular physiology, 2017, 232(6): 1478-1488.

## Immunoglobulin G (IgG)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken, Sheep, Horse	81

- 1. Xue J, Zhang J, Wu Q Y, et al. Sub-chronic inhalation of reclaimed water-induced fibrotic lesion in a mouse model[J]. Water research, 2018, 139: 240-251. (IF=7.051)
- 2. Guo Y, Yang X, Qi Y, et al. Long-term use of ceftriaxone sodium induced changes in gut microbiota and immune system[J]. Scientific Reports, 2017, 7: 43035.

- 3. Joshi A, Shaikh M, Singh S, et al. Biochemical characterization of the PHARC-associated serine hydrolase ABHD12 reveals its preference for very-long-chain lipids[J]. Journal of Biological Chemistry, 2018, 293(44): 16953-16963.
- 4. Marco-Ramell A, Miller I, Nöbauer K, et al. Proteomics on porcine haptoglobin and IgG/IgA show protein species distribution and glycosylation pattern to remain similar in PCV2-SD infection[J]. Journal of proteomics, 2014, 101: 205-216.
- 5. Xu J, Lee J W, Park S K, et al. Toll-like receptor 9 ligands increase type I interferon induced B-cell activating factor expression in chronic rhinosinusitis with nasal polyposis[J]. Clinical Immunology, 2018, 197: 19-26.

## **Corticosterone** (Cort)

Product	Species	Citation
Protein / Antibody / ELISA kit	General	58

#### Excerpt:

- 1. Zhao Z, Zhang L, Guo X D, et al. Rosiglitazone Exerts an Anti-depressive Effect in Unpredictable Chronic Mild-Stress-Induced Depressive Mice by Maintaining Essential Neuron Autophagy and Inhibiting Excessive Astrocytic Apoptosis[J]. Frontiers in molecular neuroscience, 2017, 10: 293.
- 2. Zhang P, Li G, Li H, et al. Environmental perturbation of the circadian clock during pregnancy leads to transgenerational mood disorder-like behaviors in mice[J]. Scientific reports, 2017, 7(1): 12641.
- 3. Bove M, Mhillaj E, Tucci P, et al. Effects of n-3 PUFA enriched and n-3 PUFA deficient diets in naïve and Aβ-treated female rats[J]. Biochemical pharmacology, 2018, 155: 326-335.
- 4. Wang X, Bai Y, Tang C, et al. Impact of perfluorooctane sulfonate on reproductive ability of female mice through suppression of estrogen receptor α-activated kisspeptin neurons[J]. Toxicological Sciences, 2018, 165(2): 475-486.

## Mucin 5 Subtype AC (MUC5AC)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse	52

#### Excerpt:

- 1. De Paiva C S, Raince J K, McClellan A J, et al. Homeostatic control of conjunctival mucosal goblet cells by NKT-derived IL-13[J]. Mucosal immunology, 2011, 4(4): 397. (IF=7.36)
- 2. Zhang Y, Derycke L, Holtappels G, et al. Th2 cytokines orchestrate the secretion of MUC 5 AC and MUC 5B in IL-5-positive chronic rhinosinusitis with nasal polyps[J]. Allergy, 2018. (IF=6.048)
- 3. Uchino Y, Uchino M, Yokoi N, et al. Impact of cigarette smoking on tear function and correlation between conjunctival goblet cells and tear MUC5AC concentration in office workers[J]. Scientific reports, 2016, 6: 27699.
- 4. Boyoglu-Barnum S, Todd S O, Meng J, et al. Mutating the CX3C motif in the G protein should make a live respiratory syncytial virus vaccine safer and more effective[J]. Journal of virology, 2017: JVI. 02059-16.

## Interferon Alpha (IFNa)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken, Monkey	52

- 1. Hoffmann M H, Bruns H, Bäckdahl L, et al. The cathelicidins LL-37 and rCRAMP are associated with pathogenic events of arthritis in humans and rats[J]. Annals of the rheumatic diseases, 2013, 72(7): 1239-1248. (IF=12.35)
- 2. Lee J C, Tseng C K, Young K C, et al. Andrographolide exerts anti-hepatitis C virus activity by up-regulating haeme oxygenase-1 via the p38 MAPK/Nrf2 pathway in human hepatoma cells[J]. British journal of pharmacology, 2014, 171(1): 237-252. (IF=6.81)
- 3. Kim S M, Kim S K, Park J H, et al. A recombinant adenovirus bicistronically expressing porcine interferon- $\alpha$  and interferon- $\gamma$  enhances antiviral effects against foot-and-mouth disease virus[J]. Antiviral research, 2014, 104: 52-58.

## Alkaline Phosphatase (ALP)

Product	Species	Citation
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Cow	45

#### Excerpt:

- 1. Boanini E, Torricelli P, Gazzano M, et al. Combined effect of strontium and zoledronate on hydroxyapatite structure and bone cell responses[J]. Biomaterials, 2014, 35(21): 5619-5626. (IF=8.806)
- 2. Forte L, Torricelli P, Boanini E, et al. Antioxidant and bone repair properties of quercetin-functionalized hydroxyapatite: An in vitro osteoblast–osteoclast–endothelial cell co-culture study[J]. Acta biomaterialia, 2016, 32: 298-308. (IF=6.383)
- 3. Meng Q, Man Z, Dai L, et al. A composite scaffold of MSC affinity peptide-modified demineralized bone matrix particles and chitosan hydrogel for cartilage regeneration[J]. Scientific reports, 2015, 5: 17802. (IF=4.122)

## Albumin (ALB)

Product	Species	Citation	
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Pig, Cow, Dog	35	

#### Excerpt:

- 1. Ghoneim H E, McCullers J A. Adjunctive corticosteroid therapy improves lung immunopathology and survival during severe secondary pneumococcal pneumonia in mice[J]. The Journal of infectious diseases, 2013, 209(9): 1459-1468. (IF=5.186)
- 2. Schreuder A B, Rice A C, Vanikova J, et al. Albumin administration protects against bilirubin-induced auditory brainstem dysfunction in Gunn rat pups[J]. Liver International, 2013, 33(10): 1557-1565.

## Alanine Aminotransferase (ALT)

Product	Species	Citation	
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Cow	34	

#### Excerpt:

- 1. Si J, Ge Y, Zhuang S, et al. Adrenocorticotropic hormone ameliorates acute kidney injury by steroidogenic-dependent and-independent mechanisms[J]. Kidney international, 2013, 83(4): 635-646. (IF=8.429)
- 2. Samuelson D R, Shellito J E, Maffei V J, et al. Alcohol-associated intestinal dysbiosis impairs pulmonary host defense against Klebsiella pneumoniae[J]. PLoS pathogens, 2017, 13(6): e1006426 (IF=6 158)

## Immunoglobulin A (IgA)

Product	Species	Citation		
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Pig, Cow	34		

- 1. Xue J, Zhang J, Wu Q Y, et al. Sub-chronic inhalation of reclaimed water-induced fibrotic lesion in a mouse model[J]. Water research, 2018, 139: 240-251. (IF=7.051)
- 2. Lee J, Kim H S, Jung Y H, et al. Oropharyngeal colostrum administration in extremely premature infants: an RCT[J]. Pediatrics, 2015: peds. 2014-2004. (IF=5.119)
- 3. Li M, Liang P, Li Z, et al. Fecal microbiota transplantation and bacterial consortium transplantation have comparable effects on the reestablishment of mucosal barrier function in mice with intestinal dysbiosis[J]. Frontiers in microbiology, 2015, 6: 692.

## **Procalcitonin (PCT)**

Product	Species	Citation		
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Cow	33		

#### Excerpt:

- 1. Alves T G, Kasamatsu T S, Yang J H, et al. Macrocalcitonin is a novel pitfall in the routine of serum calcitonin immunoassay[J]. The Journal of Clinical Endocrinology & Metabolism, 2016, 101(2): 653-658. (IF=5.789)
- 2. Zheng W, Ye B, Liang X, et al. Hepatic Macrophages are the Cell Source of Hepatic Procalcitonin in Acute Liver Failure[J]. Cellular Physiology and Biochemistry, 2018, 47(3): 1133-1140. (IF=5.5)
- 3. Lang Y, Jiang Y, Gao M, et al. Interleukin-1 receptor 2: A new biomarker for sepsis diagnosis and gram-negative/gram-positive bacterial differentiation[J]. Shock, 2017, 47(1): 119-124.

## Calcitonin Gene Related Peptide (CGRP)

Product	Species	Citation	
Protein / Antibody / ELISA kit	Human, Rat, Mouse	32	

#### Excerpt:

- 1. Pinto-Sanchez M I, Hall G B, Ghajar K, et al. Probiotic Bifidobacterium longum NCC3001 reduces depression scores and alters brain activity: a pilot study in patients with irritable bowel syndrome[J]. Gastroenterology, 2017, 153(2): 448-459. e8. (IF=20.773)
- 2. Kälin S, Miller K R, Kälin R E, et al. CNS myeloid cells critically regulate heat hyperalgesia[J]. The Journal of clinical investigation, 2018, 128(7). (IF=13.251)
- 3. Cernuda-Morollón E, Ramón C, Martínez-Camblor P, et al. OnabotulinumtoxinA decreases interictal CGRP plasma levels in patients with chronic migraine[J]. Pain, 2015, 156(5): 820-824. (IF=5.559)

## Fibronectin (FN)

Product	Product Species			
Protein / Antibody / ELISA kit	Human, Rat, Mouse, Rabbit, Cow, Horse	31		

- 1. Lin D, Alberton P, Caceres M D, et al. Tenomodulin is essential for prevention of adipocyte accumulation and fibrovascular scar formation during early tendon healing[J]. Cell death & disease, 2017, 8(10): e3116. (IF=5.638)
- 2. Amable P R, Teixeira M V T, Carias R B V, et al. Protein synthesis and secretion in human mesenchymal cells derived from bone marrow, adipose tissue and Wharton's jelly[J]. Stem cell research & therapy, 2014, 5(2): 53. (IF=4.963)
- 3. Kim H, Park J Y, Kim Y, et al. Serum fibronectin distinguishes the early stages of hepatocellular carcinoma[J]. Scientific reports, 2017, 7(1): 9449.

# 3. Cloud-Clone Infection Immunity related targets

Cloud-Clone Infection Immunity related targets									
Target	Core No.	Target	Core No.	Target	Core No.	Target	Core No.	Target	Core No.
alAGP	A816	C1qR1	B405	НВ	B409	LTF	A780	PCT	A689
a1AT	B697	C3c	A758	HMGA2	C053	LZM	B193	REG4	B819
a1M	A217	C4a	A389	HPR	C000	MBP	A539	S100A6	B769
a2M	B017	CAM	A640	Hpt	A817	MOG	A421	SAA	A885
AA	B098	CGRP	A876	HPX	B986	MPO	A601	TGFa	A123
ACH	A912	CLU	B180	HRG	C534	MUC1	A413	TGFb1	A124
aHSG	A178	Cort	A540	IFNa	A033	MUC17	A403	TGFb2	A218
aLA	B018	CP	A909	IFNg	A049	MUC2	A705	TGFb3	B949
ALB	B028	CRP	A821	IgA	A546	MUC20	A995	TTR	A726
ALP	B472	FETUB	B860	IgG	A544	MUC3	B031	VEGFB	A144
ALT	A207	FN	A037	IgM	A543	MUC4	B034		
ARG	B120	GS	A372	IL18	A064	MUC5AC	A756		
b2M	A260	GZMB	A600	IL8	A080	MUC5B	A684		
bLg	B023	НА	A927	LTbR	A481	MUC6	B489		

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**Cloud-Clone Corp.**