

Quality Bacterial Toxins Since 1978



# Leading Manufacturer Bacterial Toxin Products



**HIGH QUALITY**



**HIGH PURITY**



**LOT CONSISTENCY**



**NATIVE & RECOMBINANT**



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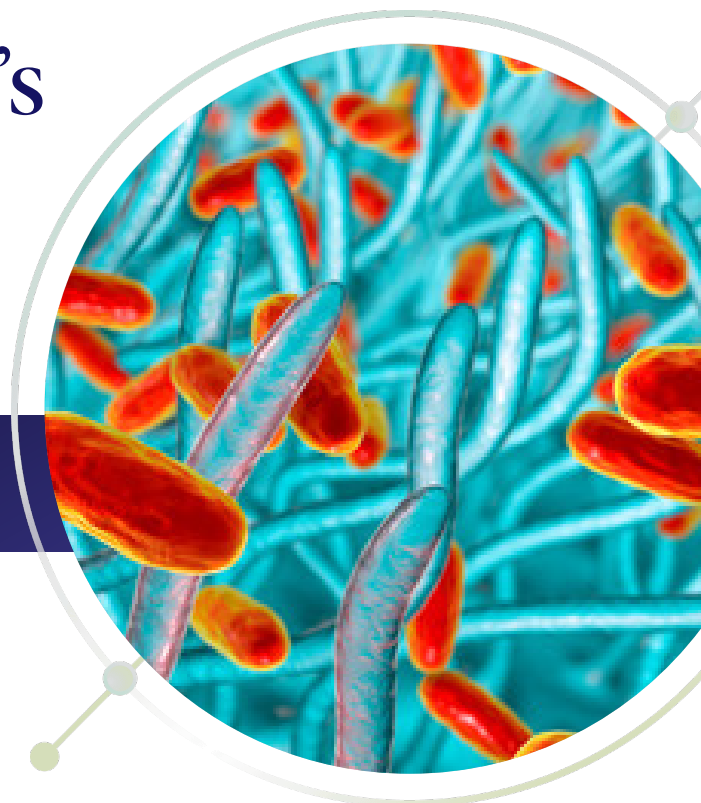
# Harnessing Bacteria's Potential for a Healthier World

## Pertussis Toxin Products



### Pertussis Toxin

- High Purity
- High Potency
- Low Endotoxin



## Applications



### *In vivo* Applications

- EAE Model for MS
- Autoimmune Animal Models
- Immune Stimulation



### *In vitro* Applications

- Vaccine Development
- Therapeutic Screening
- Study of Signal Transduction

## Pertussis Toxin Formulations

### #179 (Glycerol)

- Frozen
- Suitable for Applications Requiring Homogenous Solutions

### #180 (Buffered, pH 7)

- Lyophilized
- Suitable for a Variety of Applications

### #181 (Salt-free)

- Lyophilized
- Suitable for Applications with Strict Matrix Requirements

## Research and Development Applications:

VACCINES | IMMUNOLOGY | DRUG DISCOVERY | MICROBIOME | CELL AND GENE THERAPY  
THERAPEUTICS | EXPERIMENTAL IMMUNE ANIMAL MODELS | TOXIN ACTIVITY AND DETECTION



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