

Certificate of Analysis

Name: Pasteurella Multocida Toxin, Active

Product Code: REC31957-50

Batch #:

Date of Manufacture:

Product Description: This product is derived from a recombinant ToxA with N-terminal 6xHis-tag expressed in E. coli.

Expression System: E. coli

Accession: P17452 (TOXA_PASMU)

Tag: 6xHis-tag, N-terminus

Expected Molecular Weight: 145 kDa

Observed Molecular Weight: 145 kDa

Amount: 0.05 mg

Concentration: 0.254 mg/ml

Purity: >90% purity by SDS-PAGE (CBB staining)

Presentation: Liquid

Buffer: 50% glycerol, 5mM Tris-HCl (pH7.5), 0.1M NaCl.

Activity: Mouse embryonic cells (Swiss 3T3) were treated with PMT at 10 ng/ml at 37°C for 18 h. Foci formation by aggregation of cells was observed (see data below).

Applications: For studies on the GTP trimer bound protein- dependent signaling pathway. As a PMT antigen for immunological assays such as ELISA, western blotting and dot blotting.

Health & Safety: This product is an active protein and may elicit a biological response in vivo, handle with caution.

Usage Guidelines

Short Term Storage: -20°C

Long Term Storage: -80°C

Stability: Not determined

Freezing: Can be frozen



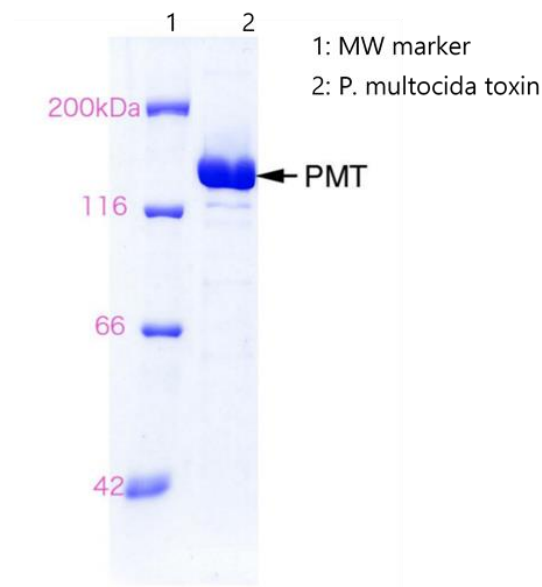
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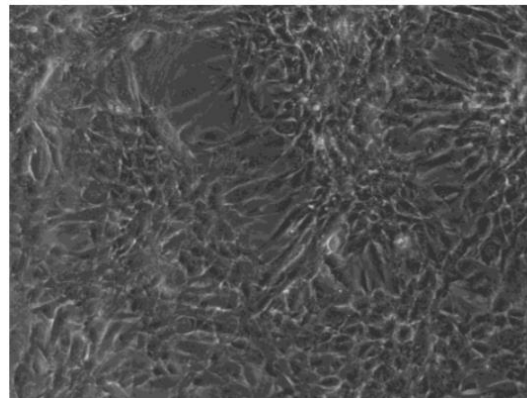
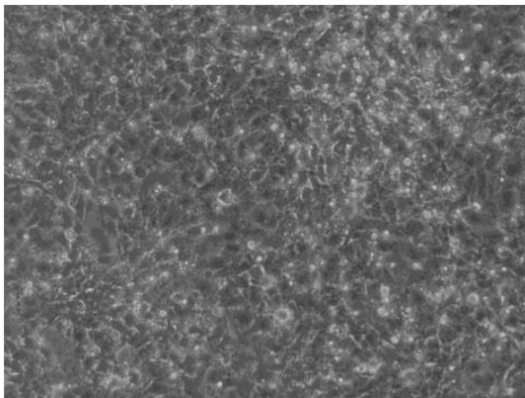
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SDS-PAGE: SDS-polyacrylamide gel electrophoresis of Pasteurella multocida toxin (PMT).



Activity Assay: Assay of biological activity of Pasteurella multocida toxin (PMT): Mouse embryonic cells (Swiss 3T3) were treated with PMT at 10 ng/ml at 37°C for 18 h. Left; untreated cells. Right, Treated cells; Foci formation by aggregation of cells was observed.



X

QC

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Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.