

Recombinant Pasteurella multocida toxin

Cat. No. toxA-143P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is derived from a recombinant ToxA with His6-tag at N-termina expressed in E. coli. Its molecular weight is 145 kDa.
Species	Pasteurella multocida
Source	E.coli
Description	Pasteurella multocida toxin (PMT) is produced by a gram-negative bacillus, Pasteurella multocida. PMT activates the Gq and G12/13 dependent signaling pathways. Gq and G12/13 are alpha subunits of the GTP trimer bound protein of animal cells. It does not activate the highly related G11-dependent pathways. This toxin binds to a ganglioside-type cell surface receptor, acts intracellularly after having been internalized through an endocytic pathway, and has pleiotropic effects on cell physiology. Therefore it does not function on receptor-deficient cells or cells defective in the endocytosis pathway. PMT is encoded by the toxA gene of P. multocida.
Form	50% glycerol, 5mM Tris-HCl(pH7.5), 0.1M NaCl
Purity	More than 90% purity by SDS-PAGE (CBB staining)
Applications	1) For the studies on the GTP trimer bound protein- dependent signaling pathway 2) As a PMT antigen for immunological assays such as ELISA, western blotting and dot blotting.
Storage	Shipped at 4°C or 20°C and stored at 20°C or below

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Concentration	370 µ/ml
---------------	----------

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA