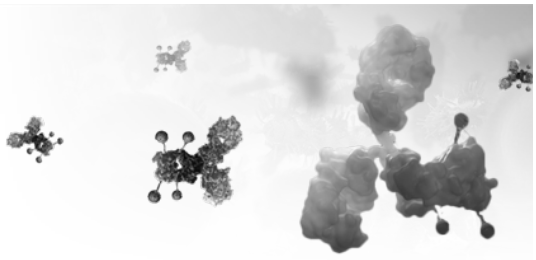

Pasteurella multocida Active Pasteurella multocida toxin (full length) (DAG-P2722)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Active Pasteurella multocida toxin full length protein
Antigen 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 G11 dependent pathway although G11 is similar to Gq. This toxin binds to an unidentified receptor and then is introduced into the cells by endocytosis and starts to function then. Therefore it does not function on cells without the receptor or defective in the endocytosis pathway.
Species	Pasteurella multocida
Purity	> 90 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	SDS-PAGE Cellular activity WB ELISA
Bio-activity	Induction of aggregation of Swiss 3T3 cells by incubation with PMT.
Format	Liquid
Buffer	Preservative: None Constituents: 50% Glycerol, 0.1M Sodium chloride, 5mM Tris HCl, pH 7.5
Preservative	None
Storage	Store at -20°C. Stable for 12 months at -20°C Preservative: None Constituents: 50% Glycerol, 0.1M Sodium chloride, 5mM Tris HCl, pH 7.5 This product is an active protein and may elicit a biological response in vivo, handle with caution.

BACKGROUND

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Introduction	Pasteurella is a genus of Gram-negative, facultatively anaerobic bacteria. Pasteurella species are non-motile and pleomorphic. Most species are catalase-positive and oxidase-positive.
Keywords	Dermonecrotic toxin; DNT; Mitogenic toxin; PMT; ToxA; P. multocida toxin; Pasteurella multocida toxin

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