

Datasheet for ABIN7479490

PTXA Protein (AA 35-269, full length) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PTXA
Protein Characteristics:	AA 35-269, full length
Origin:	Bordetella pertussis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTXA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	DDPPATVYRY DSRPPEDVFQ NGFTAWGNND NVLDHLTGRS CQVGSNSAF VSTSSRRYT EVYLEHRMQE AVEAERAGRG TGHFIGIYE VRADNNFYGA ASSYFEYVDT YGDNAGRILA GALATYQSEY LAHRRIPPEN IRRVTRVYHN GITGETTTTE YSNARYVSQQ TRANPNPYTS RRSVASIVGT LVRMAPVIGA CMARQAESSE AMAAWSERAG EAMVLVYYES IAYSF
Specificity:	Bordetella pertussis (strain Tohama I / ATCC BAA-589 / NCTC 13251)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PTXA
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Target Details

Alternative Name: Pertussis toxin subunit 1 (ptxA) ([PTXA Products](#))

Background: Recommended name: Pertussis toxin subunit 1.
Short name= PTX S1.
Alternative name(s): Islet-activating protein S1.
Short name= IAP S1 NAD-dependent ADP-ribosyltransferase.
EC= 2.4.2.-

Molecular Weight: 28.2 kD

UniProt: [P04977](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

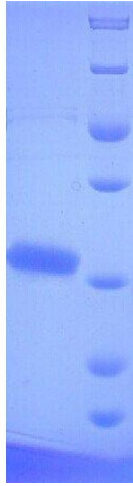
Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.



SDS-PAGE

Image 1. PtxA Gene Product (PTXA) (AA 35-269), (full length) protein (His tag)