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Datasheet for ABIN1509057
pepA Protein (AA 1-445) (His tag)

Overview

Quantity:	1 mg
Target:	pepA
Protein Characteristics:	AA 1-445
Origin:	Mycoplasma pneumoniae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This pepA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKLNKLFDSK TVVFKKSDKY GKSDCCKTKC VEGQIEFGVK IPTDFPAFNR ALVTFLKTQK NQLNVDLDSF VELYKAENLC YKTALKVVVA SITFCETTPF TMKTEPQKNV EVAVKCDSEH TSLIKEYEVV GNYVNMARQL QDTPSDQLYP EEFVKRFEKA ATGLGVKITV LKQADLIKKK MGLLLGVNKG SEREARLLVI SYNNNKKSSE TLALVGKGIT YDSGGMNIKT GDYMRGMKYD MSGAAIVCST VLALAKNKVK TNVVAVAALT ENLPGPHAQR PDDIQTAYNG KTVEIDNTDA EGRLVLADAI SYAAKDLKAT QIIDVATLTG LMSYILSTTY TGIFSTCDMA WDAFKKAACC AGEPVWRLPM HPDYLKPLES KLADLQNSTS VKGAGSSRAA CFLAEFREGV PLIHCDIAST ASIQDLGQGV LVRTLYERAA QQAKE
Specificity:	Mycoplasma pneumoniae (strain ATCC 29342 / M129)
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.

Product Details

Purity: > 90 %

Target Details

Target: pepA

Alternative Name: Probable cytosol aminopeptidase (pepA) ([pepA Products](#))

Background: Recommended name: Probable cytosol aminopeptidase.
EC= 3.4.11.1.
Alternative name(s): Leucine aminopeptidase.
Short name= LAP.
EC= 3.4.11.10 Leucyl aminopeptidase

UniProt: [P75206](#)

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

Handling

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