

Recombinant Mycoplasma Pneumoniae PEPA Protein (1-445 aa), His-SUMO-tagged

Cat. No. PEPA-2035M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mycoplasma Pneumoniae (strain ATCC 29342/M129) PEPA Protein (1-445 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Microbiology. Protein Description: Full Length.
Species	Mycoplasma Pneumoniae
Source	E.coli
ProteinLength	1-445 aa
Description	Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various peptides (By similarity).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	64.8 kDa
AA Sequence	MKLNKLFDSKTVVFKKSDKYGKSDCKTKCVEGQIEFGVKIPTDFPAFNRALVTFLKT QKNQLNVDLDSFVELYKAENLCYKTALKVVVASITFCETTPFTMKTEPQKNVEVAVK CDSEHTSLIKEYEVVGNVYNMARQLQDTPSDQLYPEEFVKRFEKAATGLGVKITVLK QADLIKKKMGLLLGVNKGSEREARLLVISYNNNKKSSSETLALVGKGITYDSGGMNIKT GDYMRGMKYDMSGAAIVCSTVLALAKNKVKTNVVAALTENLPGPHAQRPDDIQT

 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

AYNGKTVEIDNTDAEGRVLADAISYAAKDLKATQIIDVATLTGLMSYILSTTYTGIFST
CDMAWDAFKKAACCAGEPVWRLPMHPDYLKPLESKLADLQNSTSVKGAGSSRAAC
FLAEFREGVPLIHCDIASTASIQDLGQGVLVRTL YERAAQQAKE

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

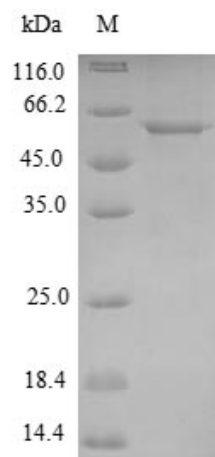
Synonyms pepA; Leucine aminopeptidase (EC:3.4.11.10) Short name: LAP Leucyl aminopeptidase;

UniProt ID [P75206](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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