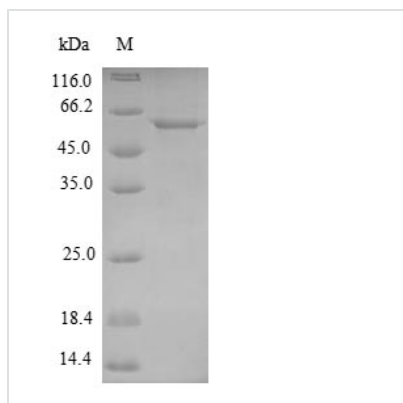


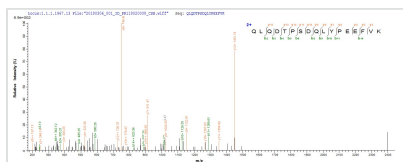


# Recombinant Mycoplasma pneumoniae Probable cytosol aminopeptidase (pepA)

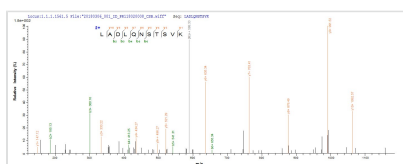
<b>Product Code</b>	CSB-EP302719MLW
<b>Relevance</b>	Presumably involved in the processing and regular turnover of intracellular proteins. Catalyzes the removal of unsubstituted N-terminal amino acids from various peptides (By similarity).
<b>Abbreviation</b>	Recombinant Mycoplasma pneumoniae pepA protein
<b>Storage</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P75206
<b>Alias</b>	Leucine aminopeptidase (EC:3.4.11.10) Short name: LAP Leucyl aminopeptidase
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mycoplasma pneumoniae (strain ATCC 29342 / M129)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MKLNKLFDSKTVVFKKSDKYGKSDCCKTKCVEGQIEFGVKIPTDFPAFNRALVT FLKTQKNQLNVDLDSFVELYKAENLCYKTALKVVVASITFCETTPFTMKTEPQK NVEVAVKCDSEHTSLIKEYEVVGNVNMARQLQDTPSDQLYPEEFVKRFKAA TGLGVKITVLKQADLIKKMGLLLGVNKGSEARELLVISYNNKKSSETLALVG KGITYDSGGMNIKTGDYMRGMKYDMSGAAIVCSTVLALAKNKVKTNVVAVAL TENLPGPHAQRPDIIQTAYNGKTVEIDNTDAEGRVLADAI SYAAKDLKATQIID VATLTGLMSYILSTTYTGIFSTCDMAWDAFKKAACCAGEPVWRLPMHPDYLPK LESKLADLQNSTSVKGAGSSRAACFLAEFREGVPLIHCDIASTASIQLDGGQVL VRTLYERAAQQAKE
<b>Research Area</b>	Microbiology
<b>Source</b>	E.coli
<b>Target Names</b>	pepA
<b>Protein Names</b>	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
<b>Expression Region</b>	1-445aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	64.8kDa


**Protein Length**
**Full Length**
**Image**


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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP302719MLW could indicate that this peptide derived from E.coli-expressed Mycoplasma pneumoniae (strain ATCC 29342 / M129) pepA.



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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