



Recombinant *Pseudomonas aeruginosa* Cytosol aminopeptidase (pepA)

Product Code	CSB-EP526635EZXB
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O68822
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas aeruginosa</i> (strain ATCC 15692 / DSM 22644 / CIP 104116 / JCM 14847 / LMG 12228 / 1C / PRS 101 / PAO1)
Purity	>85% (SDS-PAGE)
Sequence	MEFLVKSVRP ETLKTATLVL AVGEGRKLGA SAKAVDDATG GAISAVLKRG DLAGKVGQTL LLQSLPNLKA ERVLLVGAGK ERELGDRQYR KLASAVLSTL KGLAGADAAL ALGDLAVKGR DAHAKARLLV ETLADGLYVF DRYKSQKAEP LKLKLTLLA DKADSAAVEQ GSKEAQAIAN GMALTRDLGN LPPNVCHPTF LGEQAKGLAK EFKGLKVEVL DEKKLRELGM GSFLAVAQGS DQPPRLIVLQ YNGAKKDQAP HVLVGKGITF DTGGISLKPG LGMDEMKFDM CGAASVFGTF RAVLELQLPI NLVGLLACAE NMPSSGGATRP GDIVTTMSGQ TVEILNTDAE GRLVLCDAIT YAERFKPQSV IDIATLTGAC IVALGSNTSG LMGNNEALVR QLLKAGEFAD DRAWQLPLFD EYQEQLDSPF ADIANIGGPK AGTITAGCFL SRFAKKYHWA HLDIAGTAWI SGGKDKGATG RPVPLLTQYL LERAK
Source	E.coli
Target Names	pepA
Protein Names	Recommended name: Cytosol aminopeptidase EC= 3.4.11.1 Alternative name(s): Leucine aminopeptidase Short name= LAP EC= 3.4.11.10 Leucyl aminopeptidase
Expression Region	1-495
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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