



Recombinant Escherichia coli Cytosol aminopeptidase (pepA)

Product Code	CSB-EP300139ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P68767
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MEFSVKSGSP EKQRSACIVV GVFEPRRLSP IAEQLDKISD GYISALLRRG ELEGKPGQTL LLHHVPNVLS ERILLIGCGK ERELDERQYK QVIQKTINTL NDTGSMEAVC FLTELHVKGR NNYWKVRQAV ETAKETLYSF DQLKTNKSEP RRPLRKMVFN VPTRRELTSG ERAIQHGLAI AAGIKAADL GNMPPNICNA AYLASQARQL ADSYSKNVIT RVIGEQQMKE LGMHSYLA VG QGSQNESLMS VIEYKGNASE DARPIVLV GK GLTFDSGGIS IKPSEGMDM KYDMCGAAV YGVMMVAEL QLPINVIGVL AGCENMPGGR AYRPGDVLTT MSGQTVEVLN TDAEGRLLVC DVLTYVERFE PEAVIDVATL TGACVIALGH HITGLMANHN PLAHELIAAS EQSGDRAWRL PLGDEYQEQL ESNFADMANI GGRPGGAITA GCFLSRFTRK YNWAHLDIAG TAWRSGKAKG ATGRPVALLA QFLLNRAGFN GEE
Source	E.coli
Target Names	pepA
Protein Names	Recommended name: Cytosol aminopeptidase EC= 3.4.11.1 Alternative name(s): Aminopeptidase A/I Leucine aminopeptidase Short name= LAP EC= 3.4.11.10 Leucyl aminopeptidase
Expression Region	1-503
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. 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.