



Recombinant Escherichia coli Cytosol non-specific dipeptidase (pepD)

Product Code	CSB-EP323613ENV
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.	P15288
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	SELSQLSPQ PLWDIFAKIC SIPHPHYHEE QLAEYIVGWA KEKGFHVERD QVGNILIRKP ATAGMENRKP VVLQAHDMV PQKNNDTVHD FTKDPIQPYI DGEWVKARGT TLGADNGIGM ASALAVLADE NVVHGPLEVL LTMTEEAGMD GAFGLQGNWL QADILINTDS EEEGEIYMG C AGGIDFTSNL HLDREAVPAG FETFKLTLKG LKGGHSGGEI HVGLGNANKL LVRFLAGHAE ELDLRLIDFN GGTLRNAIPR EAFATIAVAA DKVDVLSLV NTYQEILKNE LAEKEKNLAL LLDSVANDKA ALIAKSRDTF IRLLNATPNG VIRNSDVAKG VVETSLNVGV VTMTDNNVEI HCLIRSLIDS GKDYVVSMLD SLGKLAGAKT EAKGAYPGWQ PDANSPVMHL VRETYQRLFN KTPNIQIIHA GLECGLFKPK YPEMDMVSIG PTITGPHSPD EQVHIESVGH YWTLLELLK EIPAK
Source	E.coli
Target Names	pepD
Protein Names	Recommended name: Cytosol non-specific dipeptidase EC= 3.4.13.18 Alternative name(s): Aminoacyl-histidine dipeptidase Beta-alanyl-histidine dipeptidase Carnosinase Cysteinylglycinase Peptidase D Xaa-His dipeptidase S
Expression Region	2-485
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 of Mature 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.