



Recombinant Peptidase T (pepT)

Product Code	CSB-EP736405SMZ
Abbreviation	pepT
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.	Q5XCU7
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MKYDNLLDRF IKYVKVNTSR DPDSETTPST ESQEAFALTI LKPEMEAIGL QDVHYNPVNG YLIGTLPANN PTLTRKIGFI AHMDTADFNA ENVNPQIIDN YQGEDITLGS SNYKLDPKAF PNLNNYIGQT LITTDGTTLL GADDKSGIAE IMTAIEFLTS QPQIEHCDIK VAFGPDEEIG VGADKFEVAD FEVDFAYTMD GGPLGELQYE TFSAAALEVT FLGRNVHPGT AKDQMINALQ LAIDFHEKLP AKERPEYTDG YQGFYHLTGL TGTVEEARAS YIIRDFEEAS FEARKVKVEN IAQSMNAQLG TKRVLVELND QYYNMKKVIE KDMTAIELAK EVMEELTIKP VIEPIRGTD GSKISFMGIP TPNIFAGGEN MHGRFEFVSL QTMERAVDVI IGLVCKA
Source	E.coli
Target Names	pepT
Protein Names	Recommended name: Peptidase T EC= 3.4.11.4 Alternative name(s): Aminotripeptidase Short name= Tripeptidase Tripeptide aminopeptidase
Expression Region	1-407
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.