



Recombinant Escherichia coli Peptidase T (pepT)

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| Product Code | CSB-EP540371ENT |
| 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. | B1XA37 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain K12 / DH10B) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MDKLLERFLN YVSLDTQSKA GVRQVPSTEG QWKLLHLLKE QLEEMGLINV TLSEKGTLMALPANVPGDI PAIGFISHVD TSPDCSGKNV NPQIVENYRG GDIALGIGDE VLSPVMFPVL HQLLGQTLIT TDGKTLLGAD DKAGIAEIMT ALAVLQQKKI PHGDIRVAFT PDEEVGKGAK HFDVDAFDAR WAYTVDGGGV GELEFENFNA ASVNIKIVGN NVHPGTAKGV MVNALSAAAR IHAEPAPES PEMTEGYEGF YHLASMKGTV ERADMHYIIR DFDRKQFEAR KRKMMEIAKK VGKGLHPDCY IELVIEDSY NMREKVVEHP HILDIAQQAM RDCDIEPELK PIRGGTDGAQ LSFMGLPCPN LFTGGYNYHG KHEFVTLEGM EKAVQVIVRI AELTAQRK |
| 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 | 1-408 |
| 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. |
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