



Recombinant Human Prolyl endopeptidase (PREP)

Product Code	CSB-EP018664HU(A4)-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48147
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MLSLQYPDVY RDETAVQDYH GHKICDPYAW LEDPDSEQTK AFVEAQNKIT VPFLEQCPIR GLYKERMTEL YDYPKYSCHF KKGKRYFYFY NTGLQNQRVL YVQDSLEGEA RVFLDPNLS DDGTVALRGY AFSEEDGEYFA YGLSASGSDW VTIKFMKVDG AKELPDVLER VKFSCMAWTH DGKGMFYNSY PQQDGKSDGT ETSTNLHQKL YYHVLGTDQS EDILCAEFPD EPKWMGGAEL SDDGRYVLLS IREGCDPVNR LWYCDLQQES SGIAGILKWV KLIDNFEGEY DYVTNEGTVF TFKTNRQSPN YRVINIDFRD PEESKWKVLV PEHEKDVLEW IACVRSNFLV LCYLHDVKNL LQLHDLTTGA LLKTFPLDVG SIVGYSGQKK DTEIFYQFTS FLSPGIYHC DLTKEELEPR VFREVTVKGI DASDYQTVQI FYPSKDGTKI PMFIVHKKGI KLDGSHPAFL YGYGGFNISI TPNYSVSRLI FVRHMGGILA VANIRGGGEY GETWHKGGIL ANKQNCFDDF QCAAAYLIKE GYTSPKRLTI NGGSNGGLLV AACANQRPDL FGCVIAQVGV MDMLKFHKYT IGHAWTTDYG CSDSKQHFEW LVKYSPLHNV KLPEADDIQY PSMILLTADH DDRVVPLHSL KFIATLQYIV GRSRKQSNPL LIHVDTKAGH GAGKPTAKVI EEVSDMFAFI ARCLNVDWIP
Source	E.coli
Target Names	PREP
Protein Names	Recommended name: Prolyl endopeptidase Short name= PE EC= 3.4.21.26 Alternative name(s): Post-proline cleaving enzyme
Expression Region	1-710
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
Target Details	This protein is a cytosolic prolyl endopeptidase that cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long. Prolyl endopeptidases have been reported to be involved in the maturation and degradation of peptide hormones and neuropeptides.
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.