



Recombinant Rat Prolyl endopeptidase (Prep)

Product Code	CSB-EP018664RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O70196
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MLSFQYPDVY RDETSVQDYH GHKICDPYAW LEDPDSEQTK AFVEAQNKIT VPFLEQCPIR GLYKERMTEL YDYPKYSCHF KKGKRYFYFY NTGLQNQRVL YVQDSLEGEA RVFLDPNTLS DDGTVALRGY AFSEEDGEYFA YGLSASGSDW VTIKFMKVDG AKELPDVLER VKFTCMAWTH DGKGMFYNSY PQQDGKSDGT ETSTNLHQKL CYHVLGTDQS EDVLCAEFPD EPKWMGGAEL SDDGRYVLLS IWEGCDPVNR LWYCDLQQGS NGINGILKWV KLIDNFEGEY DYITNEGTVF TFKTRNSPN YRLINIDFTD PDESKWKVLV PEHEKDVLEW VACVRSNFLV LCYLNRVKNL LQLHDLTTGA LLKTFPLDVG SVVGYSGRKK DSEIFYQFTS FLSPGVIYHC DLTREELEPR VFREVTVKGI DASDYQTIQV FYPSKDGTKI PMFIVHKKGI KLDGSHPAFL YGYGGFNISI TPNYSVSRLL FVRHMGVLA VANIRGGGEY GETWHKGGIL ANKQNCFFDDF QCAAAYLIKE GYTTSKRLTI NGGNSGGLLV AACANQRPD LFGCVIAQVGV MDMLKFHKFT IGHAWTTDYG CSDSKQHFEW LLKYSPLHNV KLPEADDIQY PSMLLLTADH DDRVVPLHSL KFIATLQYIV GRSRKQSNPL LIHVDTKAGH GPGKPTAKVI EEVSDMFAFI ARCLNIEWIQ
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 rPop
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.