



# Recombinant Mouse Prolyl endopeptidase (Prep)

<b>Product Code</b>	CSB-YP018664MO
<b>Abbreviation</b>	Prep
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9QUR6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>                     MLSFQYPDVY RDETSVQEYH GHKICDPYSW LEDPDSEQTK AFVEAQNKIT                      VPFLEQCPIR GLYKERMTEL YDYPKYSCHF KKGKRYFYFY NTGLQNQRVL                      YVQDSLEGEA RVFLDPNTLS DDGTVALRGY AFSEEDGEYFA YGLSASGSDW                      VTIKFMKVDG AKELPDVLER VKFTCMAWTH DGKGMFYNSY PQQDGKSDGT                      ETSTNLHQKL CYHVLGTDQS EDILCAEFPD EPKWMGGAEL SDDGRYVLLS                      IWEGCDPVNR LWYCDLQQEP NGITGILKWV KLIDNFEGEY DYVTNEGTVF                      TFKTNRNSPN YRLINIDFTD PDESKWKVLV PEHEKDVLEW VACVRSNFLV                      LCYLHDVJNI LQLHDLTTGA LLKTFPLDVG SVVGYSGRKK DSEIFYQFTS                      FLSPGVIYHC DLTKEELEPM VFREVTVKGI DAADYQTIQI FYPSKDGTKI                      PMFIVHKKGI KLDGSHPAFL YGYGGFNISI TPNYSVSRLI FVRHMGGVLA                      VANIRGGGEY GETWHKGGIL ANKQNCFFDDF QCAAAYLIKE GYTSPKRLTI                      NGGSNGLLV AACANQRPD LFGCVIAQVGV MDMLKFHKFT IGHAWTTDYG                      CSDTKQHFEW LLKYSPLHNV KLPEADDIQY PSMALLTADH DDRVVPLHSL                      KFIATLQYIV GRSRKQSNPL LIHVDTKAGH GAGKPTAKVI EEVSDMFAFI                      ARCLNIEWIQ                 </p>
<b>Source</b>	Yeast
<b>Target Names</b>	Prep
<b>Protein Names</b>	Recommended name: Prolyl endopeptidase Short name= PE EC= 3.4.21.26 Alternative name(s): Post-proline cleaving enzyme
<b>Expression Region</b>	1-710
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.



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**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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**Shelf Life**

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