Prolyl endopeptidase (Prep) Recombinant Protein | Prep recombinant protein

Recombinant Mouse Prolyl endopeptidase (Prep)

CATALOG #	HOST
AAA117208	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Prolyl endopeptidase (Prep); Recombinant Mouse Prolyl endopeptidase (Prep); Prep recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-710aa; Full Length
Sequence	MLSFQYPDVY RDETSVQEYH GHKICDPYSW LEDPDSEQTK AFVEAQNKIT VPFLEQCPIR GLYKERMTEL YDYPKYSCHF KKGKRYFYFY NTGLQNQRVL YVQDSLEGEA RVFLDPNTLS DDGTVALRGY AFSEDGEYFA YGLSASGSDW VTIKFMKVDG AKELPDVLER VKFTCMAWTH DGKGMFYNSY PQQDGKSDGT ETSTNLHQKL CYHVLGTDQS EDILCAEFPD EPKWMGGAEL SDDGRYVLLS IWEGCDPVNR LWYCDLQQEP NGITGILKWV KLIDNFEGEY DYVTNEGTVF TFKTNRNSPN YRLINIDFTD PDESKWKVLV PEHEKDVLEW VACVRSNFLV LCYLHDVKNI LQLHDLTTGA LLKTFPLDVG SVVGYSGRKK DSEIFYQFTS FLSPGVIYHC DLTKEELEPM VFREVTVKGI DAADYQTIQI FYPSKDGTKI PMFIVHKKGI KLDGSHPAFL YGYGGFNISI TPNYSVSRLI FVRHMGGVLA VANIRGGGEY GETWHKGGIL ANKQNCFDDF QCAAEYLIKE GYTSPKRLTI NGGSNGGLLV AACANQRPDL FGCVIAQVGV MDMLKFHKFT IGHAWTTDYG CSDTKQHFEW LLKYSPLHNV KLPEADDIQY PSMLLLTADH DDRVVPLHSL KFIATLQYIV GRSRKQSNPL LIHVDTKAGH GAGKPTAKVI EEVSDMFAFI ARCLNIEWIQ
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Prep recombinant protein	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755152
NCBI GeneID	19072
NCBI Accession #	NP_035286.1
NCBI GenBank Nucleotide #	NM_011156.2
UniProt Accession #	Q9QUR6; Q80YS1
Molecular Weight	80,752 Da
NCBI Official Full Name	prolyl endopeptidase

NCBI Official Synonym Full Names	prolyl endopeptidase
NCBI Official Symbol	Prep
NCBI Official Synonym Symbols	PEP; Pop; AI047692; AI450383; D10Wsu136e
NCBI Protein Information	prolyl endopeptidase
UniProt Protein Name	Prolyl endopeptidase
UniProt Gene Name	**Prep**
UniProt Synonym Gene Names	Pep; PE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/prep-recombinant-protein-e-coli/117208