## 32-2732: PREP Recombinant Protein

Alternative Name : Prolyl Endopeptidase,Post-Proline Cleaving Enzyme,EC 3.4.21.26,PEP,PE,DJ355L5.1 (Prolyl Endopeptidase),Prolyl Oligopeptidase,Prolyl endopeptidase.

## Description

Source: Escherichia Coli. PREP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 733 amino acids (1-710 a.a) and having a molecular mass of 83.1 kDa . PREP is fused to a 23 amino acid His-tag at N -terminus \& purified by proprietary chromatographic techniques. Prolyl Endopeptidase, also known as PREP is a cytosolic prolyl endopeptidase which cleaves peptide bonds on the C-terminal side of prolyl residues within peptides which are up to about 30 a.a long. In addition, Prolyl endopeptidases have been shown to be implicated in the maturation and degradation of peptide hormones and neuropeptides.

## Product Info

## Amount :

Purification :
Content :

## Storage condition :

Amino Acid :
$10 \mu \mathrm{~g}$
Greater than $90.0 \%$ as determined by SDS-PAGE.
PREP protein solution $(0.25 \mathrm{mg} / \mathrm{ml})$ containing PBS buffer ( pH 7.4 ), $30 \%$ glycerol and 1 mM DTT.
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ for longer periods of time. For long term storage it is recommended to add a carrier protein ( $0.1 \%$ HSA or BSA).Avoid multiple freeze-thaw cycles.
MGSSHHHHHH SSGLVPRGSH MGSMLSLQYP DVYRDETAVQ DYHGHKICDP YAWLEDPDSE QTKAFVEAQNKITVPFLEQC PIRGLYKERM TELYDYPKYS CHFKKGKRYF YFYNTGLQNQ RVLYVQDSLE GEARVFLDPNILSDDGTVAL RGYAFSEDGE YFAYGLSASG SDWVTIKFMKVDGAKELPDV LERVKFSCMA WTHDGKGMFY NSYPQQDGKS DGTETSTNLHQKLYYHVLGT DQSEDILCAE FPDEPKWMGG AELSDDGRYV LLSIREGCDP VNRLWYCDLQ QESSGIAGILKWVKLIDNFE GEYDYVTNEG TVFTFKTNRQ SPNYRVINID FRDPEESKWK VLVPEHEKDV LEWIACVRSN FLVLCYLHDV KNILQLHDLT TGALLKTFPL DVGSIVGYSGQKKDTEIFYQ FTSFLSPGII YHCDLTKEEL EPRVFREVTV KGIDASDYQT VQIFYPSKDG TKIPMFIVHKKGIKLDGSHP AFLYGYGGFN ISITPNYSVS RLIFVRHMGG ILAVANIRGG GEYGETWHKGGILANKQNCF DDFQCAAEYL IKEGYTSPKR LTINGGSNGG LLVAACANQRPDLFGCVIAQ VGVMDMLKFH KYTIGHAWTT DYGCSDSKQH FEWLVKYSPL HNVKLPEADD IQYPSMLLLT ADHDDRVVPLHSLKFIATLQ YIVGRSRKQS NPLLIHVDTK AGHGAGKPTA KVIEEVSDMFAFIARCLNVD WIP.


