

RPPB2183

Product Information Protein Information

Product SKU:

RPPB2183

Accession:

P48147

Host:

Escherichia Coli.

Protein description:

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 83.1kDa. PREP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

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

Formulation:

PREP protein solution (0.25mg/ml) containing PBS buffer (pH 7.4), 30% glycerol and 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMLSLQYP DVYRDEAVQ DYHGHKICDP YAWLEDPDSE QTKAFVEAQN
KITVPFLEQC PIRGLYKERM TELYDYPKYS CHFKKGKRYF YFYNTGLQNNQ RVLVYQDSLE GEARVFLDPN
ILSDDGTVAL RGYAFSEDEG YFAYGLSASG SDWVTIKFMK VDGAKELPDV LERVKFCSCMA WTHDGKGMFY
NSYPQQDGKS DGTETSTNLH QKLYYHVLGT DQSEDILCAE FPDEPKWMGG AELSDDGRYV LLSIREGCDP
VNRLWYCDLQ QESSGIAGIL KWKVLIDNFE GEYDYVTNEG TVFTFKTNRQ SPNYRVINID FRDPEESKWK
VLVPEHEKDV LEWIACVRSN FLVLCYLHDV KNILQLHDLT TGALLKTFFPL DVGSIVGYSG QKKDTEIFYQ
FTSFLSPGII YHCDLTKEEL EPRVFRETV KGIDASDYQT VQIFYPSKDG TKIPMFIVHK KGIKLDGSH
AFLYGYGGFN ISITPNYSVS RLIFVRHMGG ILAVANIRGG GEYGETWHKG GILANKQNC FDFQCAA EYL
IKEGYTSPKR LTINGGSNGG LLVAACANQR PDLFGCVIAQ VGVMDMLKFH KYTIGHAWTT DYGCSDSKQH
FEWLKYSPL HNVKLPEADD IQYPSMLLLT ADHDDRVPPL HSLKFIATLQ YIVGRSRKQS NPLLIHVDTK
AGHGAGKPTA KVIEEVSDMF AFIARCLNVD WIP.