

Prolyl Endopeptidase Human Recombinant

Item Number	rAP-1480
Synonyms	Prolyl Endopeptidase, Post-Proline Cleaving Enzyme, EC 3.4.21.26, PEP, PE, DJ355L5.1 (Prolyl Endopeptidase), Prolyl Oligopeptidase, Prolyl endopeptidase.
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.
Uniprot Accesion Number	P48147
Amino Acid Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMLSLQYP DVYRDETAVQ DYHGHKICDP YAWLEDPDSE QTKAFVEAQN KITVPFLEQC PIRGLYKERM TELYDYPKYS CHFKKGKRYF YFYNTGLQNQ RVLVYQDSLE GEARVFLDPN ILSDDGTVAL RGYAFSEEDGE YFAYGLSASG SDWVTIKFMK</p> <p>VDGAKELPDV LERVKFSCMA WTHDGKGMFY NSYPQQDGKS DGTETSTNLH QKLYYHVLGT DQSEDILCAE FPDEPKWMGG AELSDDGGRYV LLSIREGCDP VNRLWYCDLQ QESSGI-</p>
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	PREP protein solution (0.25mg/ml) containing PBS buffer (pH 7.4), 30% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**