

Product datasheet

Recombinant Human Prolyl Endopeptidase protein ab187409

[1 Image](#)

Description

Product name	Recombinant Human Prolyl Endopeptidase protein
Purity	> 90 % SDS-PAGE. ab187409 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P48147</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre>MGSSHHHHHH SSGLVPRGSH MGSMLSLQYP DVYRDETAVQ DYHGHKICDP YAWLEDPDSE QTKAFVEAQN KITVPFLEQC PIRGLYKERM TELYDYPKYS CHFKKGKRYF YFYNTGLQNQ RVLVYQDSLE GEARVFLDPN ILSDDGTVAL RGYAFSEGE YFAYGLSASG SDWVTIKFMK VDGAKELPDV LERVKFSCMA WTHDGKGMFY NSYPQQDGKS DGTETSTNLH QKLYYHVLGT DQSEDILCAE FPDEPKWMGG AELSDDGRV LLSIREGCDP VNRLWYCDLQ QESSGIAGIL KWVKLIDNFE GEYDYVTNEG TVFTFKTNRQ SPNYRVINID FRDPEESKWK VLVPEHEKDV LEWIACVRSN FLVLCYLHDV KNILQLHDLT TGALLKTFPL DVGSIVGYSG QKKDTEIFYQ FTSFLSPGII YHCDLTKEEL EPRVFRETV KGIDASDYQT VQIFYPSKDG TKIPMFVHK KGIKLDGSHP AFLYGYGGFN ISITPNYSVS RLIFVRHMGG ILAVANIRGG GEYGETWHKG GILANKQNCF DDFQCAAAYL IKEGYTSPKR LTINGGSNGG LLVAACANQR PDLFGCVIAQ VGVMMLKFH KYTIGHAWTT DYGCSDSKQH FEWLVKYSPL HNVKLPEADD IQYPSMLLLT ADHDDRVPPL HSLKFIATLQ YVGRSRKQS NPLLIHVDTK AGHGAGKPTA KVIEEVSDMF AFIARCLNVD WIP</pre>
Predicted molecular weight	83 kDa including tags

Amino acids	1 to 710
Tags	His tag N-Terminus
Additional sequence information	NP_002717.

Specifications

Our **Abpromise guarantee** covers the use of **ab187409** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

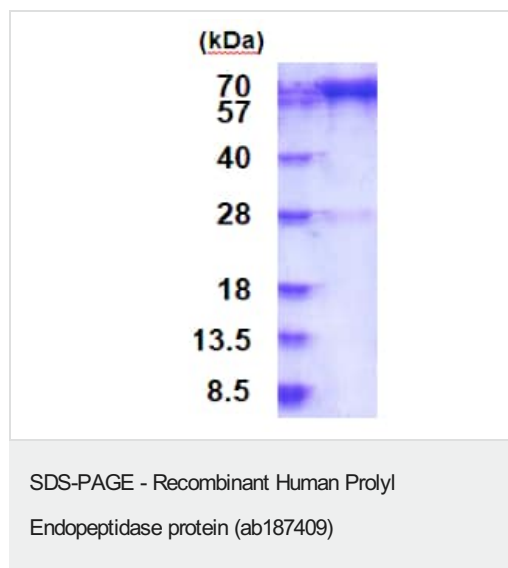
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 69% PBS, 0.02% DTT, 30% Glycerol (glycerin, glycerine)
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General Info

Function	Cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long.
Sequence similarities	Belongs to the peptidase S9A family.
Post-translational modifications	The N-terminus is blocked.
Cellular localization	Cytoplasm.

Images



15% SDS-PAGE analysis of ab187409 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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