

Recombinant Full Length Human PREP Protein

Cat. No. PREP-0001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Prolyl oligopeptidase (POP)/Prolyl endopeptidase (PREP) protein without tag was expressed in an E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-710 a.a.
Description	The protein encoded by this gene 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.
Molecular Mass	81.6 kDa
Applications	Useful tool to study enzyme kinetics, cleave target substrates, and screen for inhibitors.
Full Length	Full L.

GENE INFORMATION

Gene Name PREP prolyl endopeptidase [Homo sapiens (human)]

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Official Symbol	PREP
Synonyms	PREP; prolyl endopeptidase; PE; PEP; prolyl endopeptidase; dJ355L5.1 (prolyl endopeptidase); post-proline cleaving enzyme; prolyl oligopeptidase; EC 3.4.21.26
Gene ID	5550
mRNA Refseq	NM_002726
Protein Refseq	NP_002717
MIM	600400
UniProt ID	P48147

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