

Recombinant Full Length Human PREPL Protein, GST-tagged

Cat. No. PREPL-6833HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human PREPL full-length ORF (NP_006027.2, 1 a.a. - 727 a.a.) recombinant protein with GST-tag at N-terminal was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	727 amino acids
Description	The protein encoded by this gene belongs to the prolyl oligopeptidase subfamily of serine peptidases. Mutations in this gene have been associated with hypotonia-cystinuria syndrome, also known as the 2p21 deletion syndrome. Several alternatively spliced transcript variants encoding either the same or different isoforms have been described for this gene.
Molecular Mass	110.3 kDa
AA Sequence	MQQKTKLFLQALKYSIPHLGKCMQKQHLNHYNFADHCYNRIKLKKYHLTKCLQNPKP ISELARNIPSRFSCKDLQPVKQENЕКPLPENMDAFEKVRTKLETQPQEEYEIINVEV KHGGFVYYQEGCCLVRSKDEEADNDNYEVLFNLEELKLDQPFIDCIRVAPDEKYVAA KIRTEDSEASTCVIIKLSQPVMEASFPNVSSFEWVKDEEDEDVLFYTFQRNLRCHD VYRATFGDNKRNERFYTEKDPSYFVFLYLTKDSRFLTINIMNKTTSVWLIDGLSPWD PPVLIQKRIHGVLYYVEHRDDELYILTNVGEPTEFKLMRTAADTPAIMNWDLFFTMKR NTKVIDLDMFKDHCVLFLKHSNLLYVNVIGLADDSVRSKLPPWACGFIMDTNSDPK NCPFQLCSPIRPPKYYTYKFAEGKLFEETGHEDPITKTSRVLRLAKSKDGKLVPMTV

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FHKTDSEDLQKKPLLHVHVGAYGMDLKMNFRPERRVLVDDGWILAYCHVRGGGEL
GLQWHADGRLTKKLNGLADLEACIKTLHGQGFSQPSLTTLTAFSAGGVLAGALCNS
NPELVRAVTLEAPFLDVLNTMMDTTLPLTLEELEEWGNPSSDEKHKNYIKRYCPYQN
IKPQHYPsiHITAYENDERVPLKGIVSYTEKLKEAIAEHAKDTGEGYQTPNIILDIQPGG
NHVIEDSHKKITAQIKFLYEELGLDSTSVFEDLKKYLKF

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

PREPL prolyl endopeptidase like [Homo sapiens (human)]

Official Symbol

PREPL

Synonyms

PREPL; prolyl endopeptidase like; CMS22; prolyl endopeptidase-like; putative prolyl oligopeptidase; EC 3.4.21.-

Gene ID

9581

mRNA Refseq

NM_006036

Protein Refseq

NP_006027

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MIM	609557
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UniProt ID	Q4J6C6
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