

# Recombinant Human PREPL Protein, GST-tagged

**Cat. No.** PREPL-22H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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.                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 110.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | <p>MQQKTKLFLQALKYSIPHLGKCMQKQHLNHYNFADHCYNRIKLKKYHLTKCLQNKPK<br/> ISELARNIPSRSFCKDLQPVKQENЕКPLPENMDAFEKVRTKLETQPQEEYEIINVEV<br/> KHGGFVYYQEGCCLVRSKDEEADNDNYEVLNLEELKLDQPFIDCIRVAPDEKYVAA<br/> KIRTEDSEASTCVIIKLSQPVMEASFPNVSSFVWKDEEDEDVLFYTFQRNLRCHD<br/> VYRATFGDNKRNERFYTEKDPSYFVFLYLTKDSRFLTINIMNKTTSVWLIDGLSPWD<br/> PPVLIQKRIHGVLYYVEHRDDELYILTNVGEPTFEKLMRTAADTPAIMNWDLFFTMKR<br/> NTKVIDLDMFKDHCVLFLKHSNLLYVNVIGLADDSVRSLKLPPWACGFIMDTNSDPK<br/> NCPFQLCSPIRPPKYYTYKFAEGKLFEETGHEDPITKTSRVLRLAKSKDGKLVPMTV<br/> FHKTDSEDLQKKPLLHVHYGAYGMDLKMNFRPERRVLVDDGWILAYCHVRGGGEL</p> |

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GLQWHADGRLTKKLNLGLADLEACIKTLHGQGFSQPSLTTLTAFSAGGVLAGALCNS  
 NPELVRAVTLEAPFLDVLNTMMDTTLPLTLEELEEWGNPSSDEKHKNYIKRYCPYQN  
 IKPQHYPHSIHITAYENDERVPLKGIVSYTEKLKEAIAEHAKDTGEGYQTPNIILDIQPGG  
 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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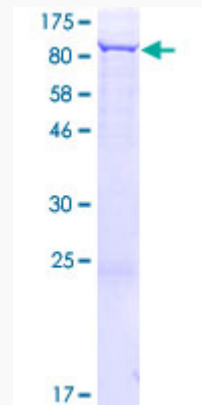
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MIM 609557

UniProt ID Q4J6C6

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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