

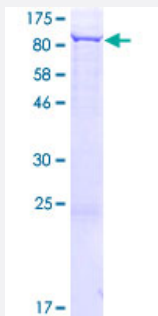
Full-Length

PREPL (Human) Recombinant Protein (P01)

Catalog # H00009581-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PREPL full-length ORF (NP_006027.2, 1 a.a. - 727 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQQKTKLFLQALKYSIPHLGKCMQKQHLNHYNFADHCYNRIKLKKYHLTKCLQNKPKISELARNIPS
RSFSCKDLQPVKQENKPLPENMDAFEKVRTKLETQPPQEEYEIINVEVKHGGFVYYQEGCCLVR
SKDEEADNDNYEVLFNLEELKLDQPFIDCIRVAPDEKYVAAKIRTEDSEASTCVIIKLSQPVMEAS
FPNVSSFEWVKDEEDEDVLFYTFQRNLRCHDVYRATFGDNKRNERFYTEKDPSYFVFLYLTKDS
RFLTINIMNKTTSSEVWLIDGLSPWDPPVLIQKRIHGVLYYVEHRDDELYILTNVGEPTEFKLMRTAAD
TPAIMNWDLFFTMKRNTKVIDLDMFKDHCVLFLKHSNLLYVNVIGLADDSVRSLKLPPWACGFIMD
TNSDPKNCPFQLCSPIRPPKYTYKFAEGKLFEEETGHEDPITKTSRVLRLKAKSKDGKLVPMTVFH
KTDSEDLQKKPLLHVYGAIGMDLKMNFRPERRVLVDDGWILAYCHVRGGGELGLQWHADGRL
TKKLNLGLADLEACIKTLHGQGFSSQPSLTTLTAFSAGGVLAGALCNSNPFLVRAVTLAPFLDVLNT
MMDTTLPLTLEEELEEWGNPSSDEKHKNYIKRYCPYQNIKPQHYPHSIHITAYENDERVPLKGIVSYTEK
LKEAIAEHAKDTGEGYQTPNIILDIQPGGNHVEDSHKKITAQIKFLYEELGLDSTSVFEDLKKYLKF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

110.3

Interspecies Antigen Sequence

Mouse (90); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — PREPL

Entrez GeneID	9581
GeneBank Accession#	NM_006036.3
Protein Accession#	NP_006027.2
Gene Name	PREPL
Gene Alias	FLJ16627, KIAA0436
Gene Description	prolyl endopeptidase-like
Omim ID	609557
Gene Ontology	Hyperlink
Gene Summary	PREPL belongs to the prolyl oligopeptidase subfamily of serine peptidases (Parvari et al., 2005 [PubMed 15913950]).[supplied by OMIM]
Other Designations	putative prolyl oligopeptidase