

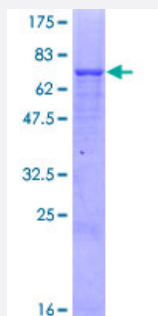
Full-Length

PMPCB (Human) Recombinant Protein (P01)

Catalog # H00009512-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PMPCB full-length ORF (AAH10398.1, 1 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAAARVVLSSAARRRLWGFSESLIRGAAGRSLYFGENRLRSTQAATQVVLNVPETRVTCLES
GLRVASEDSGLSTCTVGLWIDAGSRYENEKNNGTAHFLEHMAFKGTKKRSQLDLELEIENMGAHL
NAYTSREQTVYAKAFSKDLPRAVEILADIQNSTLGEAEIERERGVILREMQEVETNLQEVVFDYLH
ATAYQNTALGRTLGP TENIKSISRKDLVDYITTHYKGPRIVLAAAGGVSHDELLDLAKFHF GDSLCT
HKGEIPALPPCKFTGSEIRVRDDKMPLAHLAIAVEAVGWAHPDTICLMVANTLIGNWDRSFGGGM
NLSSKLAQLTCHGNLCHSFQSFNTSYTDTGLWGLYMCESSTVADMLHVQKEWMRLCTSVTE
SEVARARNLLKTNMLLQLDGSTPICEDIGRQMLCYNRRIPPELEARIDAVNAETIREVCTKYIYNRSP
AAAVGKPGFFSSMQKVGQVLLINSSF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.6

Interspecies Antigen Sequence

Mouse (91); Rat (90)

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 — PMPCB

Entrez GeneID	9512
GeneBank Accession#	BC010398.1
Protein Accession#	AAH10398.1
Gene Name	PMPCB
Gene Alias	Beta-MPP, MPP11, MPPB, MPPP52
Gene Description	peptidase (mitochondrial processing) beta
Omim ID	603131
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the peptidase M16 family and encodes a protein with a zinc-binding motif. This protein is located in the mitochondrial matrix and catalyzes the cleavage of the leader peptides of precursor proteins newly imported into the mitochondria, though it only functions as part of a heterodimeric complex. [provided by RefSeq]
Other Designations	mitochondrial processing peptidase beta subunit