

Recombinant Full Length Human PMPCB Protein, C-Flag-tagged

Cat. No. PMPCB-899HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PMPCB Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.4 kDa
AA Sequence	MAAAAARVVLSSAARRRLWGFSESLIRGAAGRSLYFGENRLRSTQAATQVVLNVP ETRVTCLESGLRVA SEDSGLSTCTVGLWIDAGSRYENEKNNGTAFLEHMAFKGTK KRSQLDLELEIENMGAHLNAYTSREQTV YYAKAFSKDLPRAVEILADIIQNSTLGEAEI ERERGVLREMQEVEVETNLQEVVFDYLHATAYQNTALGRT ILGPTENIKSISRKDLVDY ITTHYKGPRIVLAAAGGVSHDELDDLAKFHFGDSLCTHKGEIPALPPCKFT GSEIRVR DDKMPLAHLAIAVEAVGWAHPDTICLMVANTLIGNWDRSFGGGMNLSSKLAQLTCH GNLCHSF QSFNTSYTDTGLWGLYMVCESSTVADMLHVQKEWMRLCTSVTESEV ARARNLLKTNMLLQLDGSTPICE DIGRQMLCYNRRRIPIPEARIDAVNAETIREVCTK

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	YIYNRSPAIAAVGPIKQLPDFKQIRSNMCWLRDTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protease
Full Length	Full L.

GENE INFORMATION

Gene Name	PMPCB peptidase, mitochondrial processing subunit beta [Homo sapiens (human)]
Official Symbol	PMPCB
Synonyms	MAS1; MPPB; P-52; MPP11; MPPP52; Beta-MPP
Gene ID	9512
mRNA Refseq	NM_004279.3

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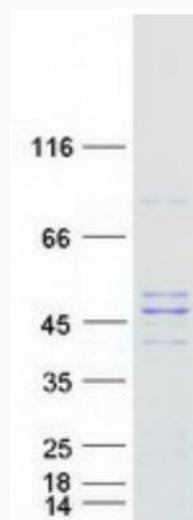
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Protein Refseq [NP_004270.2](#)

MIM [603131](#)

UniProt ID [O75439](#)



Coomassie blue staining of purified PMPCB protein.

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