

## Product datasheet for TP315039L

## OriGene Technologies, Inc.

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## PMPCB (NM\_004279) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human peptidase (mitochondrial processing) beta (PMPCB), nuclear

gene encoding mitochondrial protein, 1 mg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC215039 representing NM\_004279 or AA Sequence: Red=Cloning site Green=Tags(s)

MAAAAARVVLSSAARRRLWGFSESLLIRGAAGRSLYFGENRLRSTQAATQVVLNVPETRVTCLESGLRVA SEDSGLSTCTVGLWIDAGSRYENEKNNGTAHFLEHMAFKGTKKRSQLDLELEIENMGAHLNAYTSREQTV YYAKAFSKDLPRAVEILADIIQNSTLGEAEIERERGVILREMQEVETNLQEVVFDYLHATAYQNTALGRT ILGPTENIKSISRKDLVDYITTHYKGPRIVLAAAGGVSHDELLDLAKFHFGDSLCTHKGEIPALPPCKFT GSEIRVRDDKMPLAHLAIAVEAVGWAHPDTICLMVANTLIGNWDRSFGGGMNLSSKLAQLTCHGNLCHSF QSFNTSYTDTGLWGLYMVCESSTVADMLHVVQKEWMRLCTSVTESEVARARNLLKTNMLLQLDGSTPICE

DIGROMLCYNRRIPIPELEARIDAVNAETIREVCTKYIYNRSPAIAAVGPIKQLPDFKQIRSNMCWLRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 49.4 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.





**RefSeq:** NP 004270

**Locus ID:** 9512

UniProt ID: <u>075439</u>, <u>B3KM34</u>, <u>Q96CP5</u>

RefSeq Size: 1771 Cytogenetics: 7q22.1 RefSeq ORF: 1467

Synonyms: Beta-MPP; MAS1; MPP11; MPPB; MPPP52; P-52

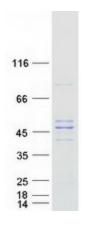
**Summary:** This gene is a member of the peptidase M16 family and encodes a protein with a zinc-binding

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, Jul 2008]

**Protein Families:** Druggable Genome, Protease

## **Product images:**



Coomassie blue staining of purified PMPCB protein (Cat# [TP315039]). The protein was produced from HEK293T cells transfected with PMPCB cDNA clone (Cat# [RC215039]) using MegaTran 2.0 (Cat# [TT210002]).