

## Product datasheet for **TP315039L**

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

MAAAAARVLSAARRRLWGFSESLIRGAAGRSLYFGENRLRSTQAATQVWLNVPETRVTCLESGLRVA  
SEDSGLSTCTVGLWIDAGSRYENEKNNGTAHFLEHMAFKGTTKRSQLDLELEIENMGAHLNAYTSREQTV  
YYAKAFSKDLPRAVEILADIIQNSTLGEAEIERERGVILREMQEVETNLQEVFDYLHATAYQNTALGRT  
ILGPTENIKSISRKDLVDYITTHYKGPRIVLAAAGGVSHDELDDLAKFHFGDSLCTHKGEIPALPPCKFT  
GSEIRVRDDKMPLAHLAIAVEAVGWAHPDTICLMVANTLIGNWDRSFGGGMNLSKLAQLTCHGNLCHSF  
QSFNTSYTDTGLWGLYMVCESSVADMLHVQKEWMRLCTSVTESEVARARNLLKTNMLLQLDGSTPICE  
DIGRQMLCYNRRPIPELEARIDAVNAETIREVCTKYIYNRSPAIAAVGPIKQLPDFKQIRSNMCWLRLD

**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.



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RefSeq:	<a href="#">NP_004270</a>
Locus ID:	9512
UniProt ID:	<a href="#">O75439</a> , <a href="#">B3KM34</a> , <a href="#">Q96CP5</a>
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]).