

Product datasheet for **TP315039**

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215039 representing NM_004279 Red =Cloning site Green =Tags(s)

MAAAAARVVLSSAARRRLWGFSESLIRGAAGRSLYFGENRLRSTQAATQVVLNVPETRVTCLESGLRVA
SEDSGLSTCTVGLWIDAGSRYENEKNNGTAHFLEHMAFKGTTKRSQLDLELEIENMGAHLNAYTSREQTV
YYAKAFSKDLPRAVEILADIIQNSTLGEAEIERERGVLREMQEVETNLQEVFDYLHATAYQNTALGRT
ILGPTENIKSISRKDLVDYITTHYKGPRIVLAAAGGVSHDELLDLAKFHFGDSLCTHKGEIPALPPCKFT
GSEIRVRDDKMPLAHLAIAVEAVGWAHPDTICLMVANTLIGNWDRSFGGMNLSKLAQLTCHGNLCHSF
QSFNTSYTDTGLWGLYMVCESSVADMLHVQKEWMRLCTSVTESEVARARNLLKTNMLLQLDGSTPICE
DIGRQMLCYNRRIPPELEARIDAVNAETIREVCTKYIYNRSPAIAAVGPIKQLPDFKQIRSNMCWLRLD

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: [NP_004270](#)

Locus ID: 9512

UniProt ID: [O75439](#)

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]).