

Product datasheet for TP315039

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, 20 µg

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

DIGRQMLCYNRRIPIPELEARIDAVNAETIREVCTKYIYNRSPAIAAVGPIKQLPDFKQIRSNMCWLRD

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

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:
 075439

 RefSeq Size:
 1771

 Cytogenetics:
 7q22.1

 RefSeq ORF:
 1467

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

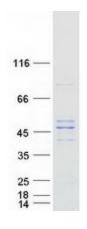
Summary: This gene is a member of the peptidase M16 family and encodes a protein with a zinc-binding

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]).