

Recombinant Mouse Pmpcb Protein, Myc/DDK-tagged

Cat. No. Pmpcb-4959M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length peptidase (mitochondrial processing) beta (Pmpcb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalytic subunit of the essential mitochondrial processing protease (MPP), which cleaves the mitochondrial sequence off newly imported precursors proteins. Preferentially, cleaves after an arginine at position P2. Required for PINK1 turnover by coupling PINK1 mitochondrial import and cleavage, which results in subsequent PINK1 proteolysis.
Molecular Mass	55.1 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Pmpcb peptidase (mitochondrial processing) beta [Mus musculus (house mouse)]

Official Symbol Pmpcb

Synonyms PMPCB; peptidase (mitochondrial processing) beta; mitochondrial-processing peptidase subunit beta; P-52; beta-MPP; MPPB; MPP11; MPPP52; 3110004O18Rik

Gene ID 73078

mRNA Refseq NM_028431

Protein Refseq NP_082707

UniProt ID Q9CXT8

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