



# Recombinant Mouse Mitochondrial-processing peptidase subunit beta (Pmpcb)

<b>Product Code</b>	CSB-BP861486MO
<b>Abbreviation</b>	Pmpcb
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9CXT8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QAAPQ VVLNVPETQV TCLENGLRVA SENSGSLSTCT VGLWIDAGSR YENEKNNGTA HFLEHMAFKG TTKRSQLDLE LEIENMGAHL NAYTSREQTV YYAKAFSRDL PRAVEILADI IQNSTLGEAE IERERGVILR EMQEVETNLQ EVVFDYLHAT AYQNTALGRT ILGPTENIKS INRKDLVDYI TTHYKGPRIV LAAAGGVCHN ELLELAKFHF GDSLCSHKGA IPALPPCKFT GSEIRVRDDK MPLAHLAIAV EAVGWAHPDT ICLMVANTLI GNWDRSFGGG MNLSSKLAQL TCHGNLCHSF QSFNTSYTDT GLWGLYMVCE QATVADMLHV VQNEWKRLCT DVTESEVARA KNLLKTNMLL QLDGSTPICE DIGRQMLCYN RRIPIPELEA RIDAVDAETV RRVCTKYIHD KSPAIAALGP IERLPDFNQI CSNMRWIRD
<b>Source</b>	Baculovirus
<b>Target Names</b>	Pmpcb
<b>Protein Names</b>	Recommended name: Mitochondrial-processing peptidase subunit beta EC= 3.4.24.64 Alternative name(s): Beta-MPP P-52
<b>Expression Region</b>	46-489
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . Our default final concentration of glycerol is 50%. Customers could use it as reference.

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