



# Recombinant Bovine Mitochondrial-processing peptidase subunit beta (PMPCB)

<b>Product Code</b>	CSB-EP666179BO
<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>	Q3SZ71
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QAAA QVVLNVPETR VTCLENGLRV ASEDSSLATC TVGLWIDAGS RYENEKNGGT AHFLEHMAFK GTKKRSQLDL ELEIENMGAH LNAYTSREQT VYYAKAFSKD LPRAVEILAD IIQNSTLGEA EIERERGVIL REMQEVETNL QEVVFDYLHA TAYQNTALGR TILGPTENIK SINRKDLVDY ITTHYKGPRI VLAAAGGVSH DELLELAKFH FGESLSTHKG EIPALPPCKF TGSEIRVRDD KMPLAHLAVA VEAVGWAHPD TICLMVANTL IGNWDRSFGG GMNLSSKLAQ LTCHGNLCHS FQSFNTSYTD TGLWGIY MVC EPATVADMLH VVQKEWMRLC TSVTESEVAR AKNLLKTNML LQLDGSTPIC EDIGRQMLCY NRRPIPELE ARIDAVNAEI IREVCTKYIY DKSPAVAAVG PIEQLPDFNQ ICSNMRWLHD
<b>Source</b>	E.coli
<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
<b>Expression Region</b>	47-490
<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°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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