



Recombinant Bovine Mitochondrial-processing peptidase subunit beta (PMPCB)

Product Code	CSB-EP666179BO
Abbreviation	PMPCB
Storage	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.
Uniprot No.	Q3SZ71
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	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 NRRIPPELE ARIDAVNAEI IREVCTKYIY DKSPAVAAVG PIEQLPDFNQ ICSNMRWLHD
Source	E.coli
Target Names	PMPCB
Protein Names	Recommended name: Mitochondrial-processing peptidase subunit beta EC=3.4.24.64 Alternative name(s): Beta-MPP
Expression Region	47-490
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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

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.