

Datasheet for ABIN7589211

PMPCB Protein (AA 47-490) (His tag)



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Overview

Quantity:	100 µg
Target:	PMPCB
Protein Characteristics:	AA 47-490
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PMPCB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>QAAA QVVLNVPETR VTCLENGLRV ASEDSGLATC TVGLWIDAGS RYENEKNNGT AHFLEHMAFK</p> <p>GTKKRSQLDL ELEIENMGAA LNAYTSREQT VYYAKAFSKD LPRAVEILAD IIQNSTLGEA</p> <p>EIERERGVIL REMQEVETNL QEVVFDYLHA TAYQNTALGR TILGPTENIK SINRKDLVDY</p> <p>ITTHYKGPRI VLAAAGGVSH DELLELAKFH FGESLSTHKG EIPALPPCKF TGSEIRVRDD</p> <p>KMPLAHLAVA VEAVGWAHPD TICLMVANTL IGNWDRSFGG GMNLSSKLAQ LTCHGNLCHS</p> <p>FQSFNTSYTD TGLWGIY MVC EPATVADMLH VVQKEWMRLC TSVTESEVAR AKNLLKTNML</p> <p>LQLDGSTPIC EDIGRQMLCY NRRIPPELE ARIDAVNAEI IREVCTKYIY DKSPAAVAVG</p> <p>PIEQLPDFNQ ICSNMRWLHD</p>
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: PMPCB

Alternative Name: Mitochondrial-processing peptidase subunit beta (PMPCB) ([PMPCB Products](#))

Background: Recommended name: Mitochondrial-processing peptidase subunit beta.
EC= 3.4.24.64.
Alternative name(s): Beta-MPP

UniProt: [Q3SZ71](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.