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Datasheet for ABIN1634961

## PMPCB Protein (AA 46-489) (His tag)

### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 1 mg                                         |
| Target:                       | PMPCB                                        |
| Protein Characteristics:      | AA 46-489                                    |
| Origin:                       | Orang-Utan                                   |
| Source:                       | Yeast                                        |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This PMPCB protein is labelled with His tag. |
| Application:                  | ELISA                                        |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | <p>QAATQ VVLNVPETRV TCLESGLRVA SEDSGLSTCT VGLWIDAGSR YENEKNNGTA</p> <p>HFLEHMAFKG TKKRSQLDLE LEIENMGAHL NAYTSREQTV YYAKAFSKDL PRAVEILADI</p> <p>IQNSTLGEAE IERERGVILR EMQEVETNLQ EVVFDYLHAT AYQNTALGRT ILGPTENIKS</p> <p>ISRKDLVDYI TTHYKGPRIV LAAAGGVSHD ELLDLAKFHF GDSLCTHKGE IPALPPCKFT</p> <p>GSEIRVRDDK MPLAHLAIAV EAVGWAHPDT ICLMVANTLI GNWDRSFGGG MNLSSKLAQL</p> <p>TCHGNLCHSF QSFNTSYTDT GLWGLYMVCE PSTVADMLHV VQKEWMRLCT SVTESEVARA</p> <p>RNLLKTNMLL QLDGSTPICE DIGRQMLCYN RRIPIPELEA RIDAVNAETI REVCTKYIYN</p> <p>RSPAIAAVGP IEQLPDFKQI CSNMCWLRD</p> |
| Specificity:     | Pongo abelii (Sumatran orangutan)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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: [Q5REK3](#)

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

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