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Datasheet for ABIN1473990

PMPCA Protein (AA 33-524) (His tag)

Overview

Quantity:	1 mg
Target:	PMPCA
Protein Characteristics:	AA 33-524
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PMPCA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSGATYPN IPLSSPLPGV PKPIFATVDG QEFETKVTT LDNGLRVASQ NKFGQFCTLG ILINSGSRYE AKYLSGIAHF LEKLAFSSTA RFDSKDEILL TLEKHGGICD CQTSRDTTMY AVSADSKGLD TVVGLLADV LHPRLTDEEI EMTRMAVQFE LEDLNMRPDP EPLLTEMIHE AAFRENTVGL HRFCPVENIG KIDREVLHSY LKNYYTPDRM VLAGVGVEHE HLVECARKYL LGVQPAWGAP GAVWMLTAQW HSTRGGSSRW RETCQMSALR PPRFQSSHIY GGARELLLLL EDFIPFAVLN MMMGGGGSFS AGGPGKGMFS RLYLNLNRH HWMYNATSYH HSYEDTGLLC IHASADPRQV REMVEIITKE FILMGRTVDL VELERAKTQL MSMLMMNLES RPVIFEDVGR QVLATHSRKL PHELCTLIRN VKPEDIKRVA SKMLRGKPAV AALGDLTDLP TYEHIQAALS SRDGRLPRTY RLF
Specificity:	Rattus norvegicus (Rat)
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: PMPCA

Alternative Name: Mitochondrial-processing peptidase subunit alpha (Pmpca) ([PMPCA Products](#))

Background: Recommended name: Mitochondrial-processing peptidase subunit alpha.
EC= 3.4.24.64.
Alternative name(s): Alpha-MPP P-55

UniProt: [P20069](#)

Pathways: [Inositol Metabolic Process](#), [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.