Datasheet for ABIN1610790

MPP1 Protein (AA 1-467) (His tag)

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Overview

Quantity:	1 mg
Target:	MPP1
Protein Characteristics:	AA 1-467
Origin:	Takifugu rubripes
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTLKSNKNEP ALILDSVTSV RTALSDLYLE QLLQNKPTDK QAAMQTYENK GAEVFSNGSA GHINGAELSR MREVAFEKNQ SEPLGVTLKL NDKQRCSVAR ILHGGMIHRQ GSLHEGDEIA EINGKSVANQ TVDQLQKILK ETNGVVTMKI IPRPQSRSKP CEMYMRGQFD YDPAMDDLIP CKEAGLKFQT GDIIQIINKQ DPNWWQGRVE NNAANFAGLI PSPELQEWRA ASKSKAREGS QSCSPFGKKK KCKDKYLAKH SSIFDQLDVI SYEEVVRLPA FKRKTLVLIG APGVGRRHIK NVLLTKYPEK FSYPVPHTTR PQRKGDANGE EYFFISNEAM TKCISANELL EYGSFQGYMF GTITETIQKI HEQDKIALLD VEPQTMKVLR TADFGPLMVF IAPTDTAAQT ENLQMIQKES ETILNTYRQY FDVVLVNNDV NESVKIVEEA LEHATTTPQW VPVSWVY
Specificity:	Takifugu rubripes (Japanese pufferfish) (Fugu rubripes)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	MPP1
Alternative Name:	55 kDa erythrocyte membrane protein (mpp1) (MPP1 Products)
Background:	Recommended name: 55 kDa erythrocyte membrane protein. Short name= p55. Alternative name(s): Membrane protein, palmitoylated 1
UniProt:	P49697

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