Datasheet for ABIN1635196

MPP1 Protein (AA 1-468) (His tag)

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Overview

Quantity:	1 mg
Target:	MPP1
Protein Characteristics:	AA 1-468
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTLKSGRGGG GGSGSMRTAL SDLYLEHLLQ NRAKPEAIAQ APNAMTEDIY TNGSATLGSP SHSNGREVRK IRLVQFEKVT EEPMGITLKL NDKQSCMVAR IFHGGMIHRQ GSLHVGDEII EINGQSVSNH SVDQLQKMLK ETQGMVSIKV IPNQQSRLPA LQMFMRAQFD YDPKKDNLIP CKEAGLKFQT GDVIQIINKD DSNWWQGRVE GSGTESAGLI PSPELQEWRV ASVTQSSQSE AQSCSPFGKK KKYKDKYLAK HSSIFDQLDV VSYEEVVRLP AFKRKTLVLI GASGVGRSHI KNALLSNNPE KFMYPPPYTT RPQKKNEVDG KDYYFVSTEE MTRDISANEF LEFGSYQGNM FGTKFETVHK IHQQDKVAIL DIEPQTLKIV RTAELSPFIV FIAPTDKAEE SEALQQLRKD SESIRSRYAH YFDLSIVNNG VEESLKLLEE AFEQACSSPQ WVPVSWVY
Specificity:	Gallus gallus (Chicken)
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:	Q5ZJ00

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.