Datasheet for ABIN1458575

MPI Protein (AA 2-441) (His tag)

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Overview

Quantity:	1 mg
Target:	MPI
Protein Characteristics:	AA 2-441
Origin:	Candida albicans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPI protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSEKLFRIQ CGYQNYDWGK IGSSSAVAQF VHNSDPSITI DETKPYAELW MGTHPSVPSK AIDLNNQTLR DLVTAKPQEY LGESIITKFG SSKELPFLFK VLSIEKVLSI QAHPDKKLGA QLHAADPKNY PDDNHKPEMA IAVTDFEGFC GFKPLDQLAK TLATVPELNE IIGQELVDEF ISGIKLPAEV GSQDDVNNRK LLQKVFGKLM NTDDDVIKQQ TAKLLERTDR EPQVFKDIDS RLPELIQRLN KQFPNDIGLF CGCLLLNHVG LNKGEAMFLQ AKDPHAYISG DIIECMAASD NVVRAGFTPK FKDVKNLVEM LTYSYESVEK QKMPLQEFPR SKGDAVKSVL YDPPIAEFSV LQTIFDKSKG GKQVIEGLNG PSIVIATNGK GTIQITGDDS TKQKIDTGYV FFVAPGSSIE LTADSANQDQ DFTTYRAFVE A
Specificity:	Candida albicans (strain SC5314 / ATCC MYA-2876) (Yeast)
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:	MPI
Alternative Name:	Mannose-6-phosphate isomerase (PMI1) (MPI Products)
Background:	Recommended name: Mannose-6-phosphate isomerase. EC= 5.3.1.8. Alternative name(s): Phosphohexomutase Phosphomannose isomerase. Short name= PMI
UniProt:	P34948

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

Handling

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

