Datasheet for ABIN1635817

MINPP1 Protein (AA 31-487) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	MINPP1
Protein Characteristics:	AA 31-487
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MINPP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SLLEPRDLVA SSLSPYFGTK TRYEDVNPLL LSGPEAPWRD PELLEGSCTP VQLVALIRHG TRYPTAKQIR KLRQLHGLLQ ARGSRDGGAG STGSRDLGAA LADWPLWYAD WMDGQLVEKG RQDMRQLALR LASLFPALFS RENYGRLRLI TSSKHRCMDS SAAFLQGLWQ HYHPGLPPPD VADMEFGPPT VNDKLMRFFD HCEKFLTEVE KNATALYHVE AFKTGPEMQN ILKKVAATLQ VPVNDLNADL LQVAFFTCSF DLAIKGVKSP WCDVFDIDDA KVLEYLNDLK QYWKRGYGYT INSRSSCTLF QDIFRHLDKA VEQKQRSQPI SSPVILQFGH AETLLPLLSL MGYFKDKEPL TAYNYKEQMH RKFRSGLIVP YASNLIFVLY HCENAKTPKE QFRVQMLLNE KVLPLAYSQE TVSFYEDLRN HYKDILQSCQ TSEECELARA NSTSDEL
Specificity:	Pongo abelii (Sumatran orangutan)
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:	MINPP1
Alternative Name:	Multiple inositol polyphosphate phosphatase 1 (MINPP1) (MINPP1 Products)
Background:	Recommended name: Multiple inositol polyphosphate phosphatase 1. EC= 3.1.3.62. Alternative name(s): 2,3-bisphosphoglycerate 3-phosphatase. Short name= 2,3-BPG phosphatase. EC= 3.1.3.80 Inositol (1,3,4,5)-tetrakisphosphate 3-phosphatase. Short name= Ins(1,3,4,5)P(4) 3-phosphatase
UniProt:	Q5R890

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

Handling

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

