Datasheet for ABIN1668531

PANB1 Protein (AA 1-294) (His tag)

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Overview

Quantity:	1 mg
Target:	PANB1
Protein Characteristics:	AA 1-294
Origin:	Methylibium petroleiphilum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PANB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSDAAAAPPE RKKRTITEIR DSKKSGEKMV YTSVPDYTSA KWAELAGVDV AVVGDSLAMV AHGHSSTVPA TMDMMVMHAQ AVRRGAPRTF TLGCMPYQSY NTVDRALLNA TRFMQDGGCD AVKPQGGRSQ AHILKALVDS GIPTASHIGL TPHTIAMFGG FKIQGRTAEA AMKILEDAFA IQDAGCFMLE FEAVPAKIAT LISKQLEIPT IGIGAGAGCD GQILLSYDLL GVFTDFKPKF TKRYANLTEV AVQGLKAYVD EVKTGRFPDD DHSYGVDDRE YEQFMNLVEK RRHV
Specificity:	Methylibium petroleiphilum (strain PM1)
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.
Purity:	> 90 %

Target Details

Target:	PANB1
Alternative Name:	3-methyl-2-oxobutanoate hydroxymethyltransferase 1 (panB1) (PANB1 Products)
Background:	Recommended name: 3-methyl-2-oxobutanoate hydroxymethyltransferase 1. EC= 2.1.2.11. Alternative name(s): Ketopantoate hydroxymethyltransferase 1. Short name= KPHMT 1
UniProt:	A2SDV6

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.