Datasheet for ABIN7590574

ATPOT1B Protein (AA 1-454) (His tag)

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Overview

Quantity:	100 µg
Target:	ATPOT1B
Protein Characteristics:	AA 1-454
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATPOT1B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEEERRDDYK FLRIQDAFKA LHLHVNLIGV IVELGFSNGS DCSCTLKIVD PWYSGSGLPV KFVARTIRDL PRVESIGDII LLSRVKIVLI NRKITALCNE TTSSSFALFN GKHSVDSIPY QSSPKFLMRE QDKNFLSNLR EWMITYKFED GSCCFTSLKD IKEGECSNLS CQIVHISKVY KDRWYLFVWD GTEMPPCNIL VKSERLPLCV EPEMLPTYML RKFPTFGSVL RIIVDRVSEK QAIHCLQPGQ HVKLLNLFFQ VNMGLWNATF TPSTKMQYTM SREMEAFSPQ RMCGEKFSPR WNPIARCISR SHSEITGVAH DDAPFVSLMD ILTYHNVTAK FRCVVRFIQV YPRDVRKLRD INGNIKLVAI LEDATARIHA SLYADEGEKF FGCDESDEEA LVKKLNRLLG GEEMEKVPRN PPWVQCCLFS FYKHKMDQWE SRRFRIFDTW INAS
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	ATPOT1B
Alternative Name:	Protection of telomeres protein 1b (POT1B) (ATPOT1B Products)
Background:	Recommended name: Protection of telomeres protein 1b. Short name= AtPOT1b. Alternative name(s): Protection of telomeres protein 2
UniProt:	Q6NKX5

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.