Datasheet for ABIN1593943

APS4 Protein (AA 1-423) (His tag)

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Overview

Quantity:	1 mg
Target:	APS4
Protein Characteristics:	AA 1-423
Origin:	Entamoeba histolytica
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This APS4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSIQENLNNL IKPHGGKLIK TLKYGAERDE CIKEAKSLPK IDISSREFGD LVMMGIGGFS PLNGFMKKED WFSVCKNFTL ADGTFWPIPI TMSVSEEEAK KLKRGQKVAL KYNKDINDIS GTIEIDQVYE MTKKDKEMEC KDIFTTTDSD HPGVKKVMEQ KPFNVAGKVT TLSEGEFPIK YKGIYMTPEE SRLNFAKKGW KTIAALQLRN PMHRSHEFLA KIAVEVCDGV FIHSLVGNLK PGDIPAEVRV KCIDALVDKY FVKKNVLQGG YPLDMRYGGP REALLHATFR QNYGCTHMII GRDHAGVGDY YGPFDAQKIF DKIPYNADPK KRLLTQPMKI DWTFYCHKCD GMASLRTCPH TKKDRVIVSG TMVRKMLSEG KTLPDHFGRA ESLKILADYY QHLDKSKKVT IKLQKFATGD AMK
Specificity:	Entamoeba histolytica
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:	APS4
Alternative Name:	Sulfate adenylyltransferase (APS4 Products)
Background:	Recommended name: Sulfate adenylyltransferase. EC= 2.7.7.4. Alternative name(s): ATP-sulfurylase Sulfate adenylate transferase. Short name= SAT
UniProt:	O76156

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.