

Datasheet for ABIN7585539

PIP4K2B Protein (AA 1-416) (His tag)



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Overview

Quantity:	100 µg
Target:	PIP4K2B
Protein Characteristics:	AA 1-416
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIP4K2B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSSNCTSTTA VAVAPLSASK TKTKKKHFVC QKVKLFRASE PILSVLMWGV NHTINELSNV PVPVMLMPDD FKAYSIKVD NHLFNKENLP SRFKFKEYCP MVFRNLRERF GIDDQDYQNS VTRSAPINSQ SQGRCGTRFL TTYDRRFVIK TVSSEDVAEM HNILKKYHQF IVECHGNTLL PQFLGMYRLT VDGVETYMVV TRNVFSHRLT VHRKYDLKGS TVAREASDKE KAKDLPTFKD NDFLNEGQKL RVGEESKKNF LEKLKRDVEF LAQLKIMDYS LLVGIHDVDR AEQEETEVED RAEEEEECEND GVGGGLLCYSY GTPPDSPGNL LSFPRFFGPG EFDPSVDVYA MKSHESAPKK EYVFMAIIDI LTPYDAKKKA AHAAKTVKHG AGAEISTVNP EQYSKRFNEF MSNILT</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PIP4K2B
Alternative Name:	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta (Pip4k2b) (PIP4K2B Products)
Background:	<p>Recommended name: Phosphatidylinositol 5-phosphate 4-kinase type-2 beta.</p> <p>EC= 2.7.1.149.</p> <p>Alternative name(s): 1-phosphatidylinositol 5-phosphate 4-kinase 2-beta Diphosphoinositide kinase 2-beta Phosphatidylinositol 5-phosphate 4-kinase type II beta.</p> <p>Short name= PI(5)P 4-kinase type II beta.</p> <p>Short name= PIP4KII-beta Phosphatidylinositol-phosphate kinase IIgamma.</p> <p>Short name= PIPKIIgamma PtdIns(5)P-4-kinase isoform 2-beta</p>
UniProt:	O88377
Pathways:	Inositol Metabolic Process

Application Details

Comment:	<p>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 modiflicated 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.</p>
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.