Datasheet for ABIN7589935

PIP5K1C Protein (AA 1-688) (His tag)

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Overview

Quantity:	100 µg
Target:	PIP5K1C
Protein Characteristics:	AA 1-688
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIP5K1C protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MELEVPDEAE SAEAGAVTAE AAWSAESGAA AGMTQKKAIL AEAPLVTGQP GPGHGKKLGH RGVDASGETT YKKTTSSTLK GAIQLGIGYT VGNLSSKPER DVLMQDFYVV ESIFFPSEGS NLTPAHHFQD FRFKTYAPVA FRYFRELFGI RPDDYLYSLC NEPLIELSNP GASGSVFYVT SDDEFIIKTV MHKEAEFLQK LLPGYYMNLN QNPRTLLPKF YGLYCVQSGG KNIRVVVMNN VLPRVVKMHL KFDLKGSTYK RRASKKEKEK SLPTYKDLDF MQDMPEGLLL DSDTFGALVK TLQRDCLVLE SFKIMDYSLL LGVHNIDQQE RERQAEGAQS KADEKRPVAQ KALYSTARES IQGGAARGEA IETDDTMGGI PAVNGRGERL LLHIGIIDIL QSYRFIKKLE HTWKALVHDG DTVSVHRPSF YAERFFKFMS STVFRKSSSL KSSPSKKGRG ALLAVKPLGP TAAFSASQIP SEREDVQYDL RGARSYPTLE DEGRPDLLPC TPPSFEEATT ASIATTLSST SLSIPERSPS DTSEQPRYRR RTQSSGQDGR PQEELHAEDL QKITVQVEPV CGVGVVVPKE QGAGVEVPPS GASAAATVEV DAASQASEPA SQASDEEDAP STDIYFFAHG RYWLFSPRRR RLRAVTPSHT GAPTDGRSWV YSPLHYSARP ASDGESDT

Product Details

Specificity:	Rattus norvegicus (Rat)
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:	PIP5K1C
Alternative Name:	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma (Pip5k1c) (PIP5K1C Products)
Background:	Recommended name: Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma. Short name= PIP5K1-gamma. Short name= PtdIns(4)P-5-kinase 1 gamma. EC= 2.7.1.68. Alternative name(s): Phosphatidylinositol 4-phosphate 5-kinase type I gamma. Short name= PIP5KIgamma
UniProt:	Q5I6B8
Pathways:	PI3K-Akt Signaling, Inositol Metabolic Process, Cell-Cell Junction Organization, Maintenance of Protein Location, Synaptic Vesicle Exocytosis

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.