

Datasheet for ABIN7591434
PIP4K2A Protein (AA 2-406) (His tag)



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Overview

Quantity:	100 µg
Target:	PIP4K2A
Protein Characteristics:	AA 2-406
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIP4K2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ATPSNLGSS VLASKTKTKK KHFVAQKVKL FRASDPLLSV LMWGVNHSIN ELSHVQIPVM LMPDDFKAYS KIKVDNHLFN KENMPSHFKF KEYCPMVFRN LRERFGIDDQ DFQNSLTRSA PLPNDSQARS GARFHTSYDK RYVIKTITSE DVAEMHNILK KYHQYIVECH GVTLLPQFLG MYRLNVDGVE IYVIVTRNVF SHRLSVYRKY DLKGSTVARE ASDKEKAKEL PTLKDNDFIN EGQKIYIDDS NKKIFLEKLK KDVEFLAQLK LMDYSLLVGI HDVERAEQEE VECEENEGEE EGESDGAHPI GTPPDSPGNT LNSSPPLAPG EFDPNIDVYA IKCHENAPRK EVYFMAIDI LTHYDAKKKA AHAAKTVKHG AGAEISTVNP EQYSKRFLDF IGHILT
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:	PIP4K2A
Alternative Name:	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha (Pip4k2a) (PIP4K2A Products)
Background:	<p>Recommended name: Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha.</p> <p>EC= 2.7.1.149.</p> <p>Alternative name(s): 1-phosphatidylinositol 5-phosphate 4-kinase 2-alpha Diphosphoinositide kinase 2-alpha PIPK2 alpha Phosphatidylinositol 5-phosphate 4-kinase type II alpha.</p> <p>Short name= PI(5)P 4-kinase type II alpha.</p> <p>Short name= PIP4KII-alpha PtdIns(5)P-4-kinase isoform 2-alpha</p>
UniProt:	Q9R0I8
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 modified 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.