antibodies

Datasheet for ABIN1676474 PI4K2A Protein (AA 1-447) (His tag)



Overview

Quantity:	1 mg
Target:	PI4K2A
Protein Characteristics:	AA 1-447
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PI4K2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDETSPLVSP LRDSNDFNYG PAEPTSPRGG FGSTPGSVVR LPAGSPGRSR ERQPLLDRDR
	GASPRDPHRN EFPEDPEFRE IIRKAERAIE EGIYPERIYQ GSSGSYFVKD SAGKIIGVFK
	PKNEEPYGQL NPKWTKWLQK LCCPCCFGRD CLVLNQGYLS EAGASLVDQK LELNIVPRTK
	VVYLASETFN YSAIDRVKSR GKRLALEKVP KVGQRFHRIG LPPKVGSFQI FVEGYKDADF
	WLRRFEAEPL PENTNRQLQL QFERLVVLDY IIRNTDRGND NWLIKYDYPM DTSSNRDSDW
	VLVKDPIIKL AAIDNGLAFP LKHPDSWRAY PFYWAWLPQA KVVFSQEIRD LVLPKLADPN
	FIKDLEEDLY ELFKKDPGFD RGQFKKQVSV MRGQILNLSQ AMRDGKTPLQ LVQMPPVIVE
	TARVPQRANS ESYTQSFQSR RPFFTWW
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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.

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Product Details

Purity:

> 90 %

Target Details

Target:	PI4K2A
Alternative Name:	Phosphatidylinositol 4-kinase type 2-alpha (pi4k2a) (PI4K2A Products)
Background:	Recommended name: Phosphatidylinositol 4-kinase type 2-alpha. EC= 2.7.1.67. Alternative name(s): Phosphatidylinositol 4-kinase type II-alpha
UniProt:	Q6PE18
Pathways:	Inositol Metabolic Process, Synaptic Membrane

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

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

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Storage Comment:

Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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