

Datasheet for ABIN7591047

PI4K2A Protein (AA 1-478) (His tag)



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Overview

Quantity:	100 µg
Target:	PI4K2A
Protein Characteristics:	AA 1-478
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PI4K2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MDETSPLVSP ERAQPPEYTF PSVSGAHFPQ VPGGAVRVAA AGSGPSPPCS PGHDRERQPL</p> <p>LDRARGAAQ GQHTVAAQA QALAAQAAVA VHAVQTHRER NDFPEDPEFE VVVRQAEIAI</p> <p>ECSIYPERIY QGSSGSYFVK DSQGRIIAVF KPKNEEPYGN LNPKWTKWLQ KLCCPCCFGR</p> <p>DCLVLNQGYL SEAGASLVDQ KLELNIVPRT KVVYLASETF NYSIDRVKS RGKRLALEKV</p> <p>PKVGQRFNRI GLPPKVGFSQ LFVEGYKDAC YWLRRFEAEP LPENTNRQLL LQFERLVVLD</p> <p>YIIRNTDRGN DNWLIKDYDYP MDNPNCRDTD WVMVREPVK VAAIDNGLAF PLKHPDSWRA</p> <p>YPFYWAWLPQ AKVPFSQEI DLILPKISDP NFVKDLEEDL YELFKKDPGF DRGQFHKQIA</p> <p>VMRGQILNLT QALKDNKSPL HLVQMPPVIV ETARSHQRSS SESYTQSFQS RKPFFSWW</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.

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): 55 kDa type II phosphatidylinositol 4-kinase Phosphatidylinositol 4-kinase type II-alpha

UniProt: [Q99M64](#)

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 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.

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

Handling

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