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Datasheet for ABIN1632277

## PI4K2A Protein (AA 1-471) (His tag)

### Overview

Quantity:	1 mg
Target:	PI4K2A
Protein Characteristics:	AA 1-471
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PI4K2A protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MDETSPLVSP DRDQTDYSYQ SQCSPGVPVC LSPNGRFS AV PGVVVRIPGS ATSPIRGSAA</p> <p>SGPSPPGSPC DRERQPLLER SQTRGAAAQA ERERNKFPDD PEFAEVVKA EKAIVRDILP</p> <p>ERISQGSSGS YFVKNEQGEI IAVFKPKNEE PYGQLNPKWT KWLQKLCCPC CFGRDCLVLN</p> <p>QGYLSEAGAS LVDQKLELNI VPRTKVVF LA SETFNYS AID RVKSRGKRLA LEKVPKVGQR</p> <p>FNRIGLPPKV GSFQLFVKGY KDADYWLRRF EADPLPENTN RQLQLQFERL VVLDYIIRNT</p> <p>DRGNDNWLIK YDCPMD SASA RDDWVMVKEP VIKIAIDNG LAFPLKHPDS WRAYPFYWAW</p> <p>LPQAKIQFSQ EIKDLILPKI SDPNFVKDLE EDLYELFKRD PGFDRGQFRK QIAVMRGQIL</p> <p>NLTQALKD GK SPLQLVQTPP VIVETARSHQ KSTSESYTQS FQSRKPFFSW W</p>
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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): Phosphatidylinositol 4-kinase type II-alpha

UniProt: [Q505I0](#)

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 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.

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

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