

[Go to Product page](#)

Datasheet for ABIN1621967

PI4K2B Protein (AA 1-492) (His tag)

Overview

Quantity:	1 mg
Target:	PI4K2B
Protein Characteristics:	AA 1-492
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PI4K2B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEPKQTADAR DSPLLLVFLE PAAEEVTAHT APLSPNPQSA RAAPGSAVRF FSDSAREEEA GEDEPLLKKS GPVSPRAARK GRTRLSSSSD RENMSGGHVG NGEFNVILDD LEFADIIHRA EQAIESGVFP ERISQGSSGS YFVKDPKGKI IGVFKPKSEE PYGHLNPKWT KYFHKICCCPC CFGRGCLVPN QGYLSEAGAY LVDEKLGLGV VPKTKVWWLV SETFNYSID RAKSRGKKYA LEKVPKVGRK FHRIGLPPKV GSFQLFVDGY KEADYWLRFK ETDPLPENTR KQLQCQFEKL VILDYVIRNT DRGNDNLIR YDSQDDDELMEKGDDEFPLKD WKEIKEPVIK IAAIDNGLAF PFKHPDEWRA YPFHWAWLPQ AKVPFSQETR DLILPRISDM NFVQDLCEDL YELFKTDKGF DKATFEKQMS VMRGQILNLT QALKDGKTPI QLVQMPRVVV ERSCSGSQGR IVQMSNAFTQ TFHCRKPFFS SW
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: PI4K2B

Alternative Name: Phosphatidylinositol 4-kinase type 2-beta (pi4k2b) ([PI4K2B Products](#))

Background: Recommended name: Phosphatidylinositol 4-kinase type 2-beta.
EC= 2.7.1.67.
Alternative name(s): Phosphatidylinositol 4-kinase type II-beta

UniProt: [Q28G26](#)

Pathways: [Inositol Metabolic Process](#)

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

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