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## Datasheet for ABIN1629385 IPPK Protein (AA 1-483) (His tag)

### Overview

Quantity:	1 mg
Target:	IPPK
Protein Characteristics:	AA 1-483
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IPPK protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MELDKMDEND WKYHGEGNKS IVVSHLRHCQ VLRLLKVPSE DSAHTRQTAE QTLRHILNIM  DYSKHVMKPL LGEKYVHSGE VVRLPLDFLR QMSLKVQQR PELRCDKVM DTFSGCGLCLP  DLTQLPLHHL RDHRPPICVE IKPKCGFLPF SRHMTKECKW KVCRFCMHQH YKLANGKWKR  LSRYCPLDLF SGSKQRMVVA LKNLLEEPQN NLKIFKGGEL IFSCKDDAKQ QPDLNNLIQH  LRPYFPHTNG LYNGHQPGKV ILNEFIQVIC SALLSGGDSN RSGEPRKMHL SESKPHCEAS  PFPRDLIRNG HHGLPKDSVL AKILQVQMLD NLDIEGIYPL YKRVEQYLEE FPKERIRLQI  DGPYDESFMD TVKSCLNEDD GSVEYAIGKV HQYRVAMTAK DCSVMITFAP CEEDEEHKLN  LEKPRFTYSV SILDLDTKPY EGIPHQYKLD SKIVNYLRS TQAPPPSSLY KERQECTLLF HAV</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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

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Purity: > 90 %

## Target Details

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Target: IPPK

Alternative Name: Inositol-pentakisphosphate 2-kinase (ippk) ([IPPK Products](#))

Background: Recommended name: Inositol-pentakisphosphate 2-kinase.  
EC= 2.7.1.158.  
Alternative name(s): Inositol-1,3,4,5,6-pentakisphosphate 2-kinase Ins(1,3,4,5,6)P5 2-kinase.  
Short name= InsP5 2-kinase

UniProt: [Q4JL91](#)

## Application Details

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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

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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.