

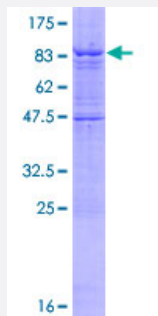
Full-Length

IPPK (Human) Recombinant Protein (P01)

Catalog # H00064768-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IPPK full-length ORF (NP_073592.1, 1 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEEGKMDENEWGYHGEGNKSLLVVAHAQRCVVLRLKFPNRRKKTSEEIFQHLQNIVDFGKNVM
KEFLGENYVHYGEVVQLPLEFVKQLCLKIQSERPESRCDKDLDTLSGYAMCLPNLTRLQTYRFAE
HRPILCVEIKPKCGFIPFSSDVTHEMKHKVCRCYCMHQHLKVATGKWKQISKYCPLDLYSGNKQRM
HFALKSLLQEAQNNLKIFKNGELYGCKDARSPVADWSELAHHLKPPFFPSNGLASGPHCTRAVIR
ELVHVITRVLLSGSDKGRAGTLSPGLGPQGPRVCEASPFSSRLRCQGKNTPEPERSGLPKGCLLYK
TLQVQMLDLLDIEGLYPLYNRVERYLEEFPEERKTLQIDGPYDEAFYQKLLDLSTEDDGTVAFALT
K VQQYRVAMTAKDCSIMIALSPCLQDASSDQRPVVPSSRSRFAFSVSVLDLDLKPYESIPHQYKLD
GKIVNYYSKTVRAKDNAVMSRTRFKESEDCTLVLHKV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

82.4

Interspecies Antigen Sequence

Mouse (91); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IPPK

Entrez GeneID	64768
GeneBank Accession#	NM_022755.4
Protein Accession#	NP_073592.1
Gene Name	IPPK
Gene Alias	C9orf12, FLJ13163, INSP5K2, IP5K, IPK1, KIAA0699, bA476B13.1
Gene Description	inositol 1,3,4,5,6-pentakisphosphate 2-kinase
Gene Ontology	Hyperlink
Gene Summary	IPPK
Other Designations	1,3,4,5,6-pentakisphosphate 2-kinase OTTHUMP00000021662 bA476B13.1 (novel protein)

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)

- [Phosphatidylinositol signaling system](#)