

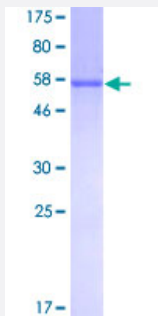
Full-Length

ITPK1 (Human) Recombinant Protein (P01)

Catalog # H00003705-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ITPK1 full-length ORF (AAH03622, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQTFLKGKRVGYWLSEKKIKKLNFAFAELCRKRGMEVVQLNLSRPIEEQGGLDVIIHKLTDVILEA
DQNSQSLELVHRFQEYIDAHPETVLDPLPAIRTLDRSKSYELIRKIEAYMEDDRICSPPFMELTS
LCGDDTMRLLKNGLTFFICKTRVAHGTSHEMAVFNQEGLNAIQPPCVVQNFINHNAVLYKVF
VVGESYTVVQRPSLKNFSAGTSDRESIFFNSHNVSKESSSVLTELKIEGVFERPSDEVIRELSR
ALRQALGVSLFGIDIIINNQTGGQHAVIDINAFPGDCQVCFIEGWKTD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.28

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 — ITPK1

Entrez GeneID	3705
GeneBank Accession#	BC003622
Protein Accession#	AAH03622
Gene Name	ITPK1
Gene Alias	ITRPK1
Gene Description	inositol 1,3,4-triphosphate 5/6 kinase
Omim ID	601838
Gene Ontology	Hyperlink
Gene Summary	3
Other Designations	inositol 1,3,4-trisphosphate 5/6 kinase inositol-tetrakisphosphate 1-kinase

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)