

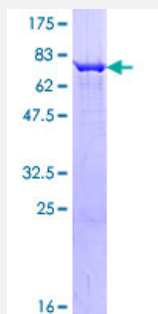
Full-Length

PIP4K2C (Human) Recombinant Protein (P01)

Catalog # H00079837-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PIP4K2C full-length ORF (NP_079055.2, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASSSVPPATVSAATAGPGPGFGFASKTKKKHFVQQKVKVFRAADPLVGVFLWGVVHNSINELS
QVPPPVMLLPDDFKASSKIKVNNHLFHRENLP SHFKFKEYCPQVFRNLRDRFGIDDQDYLVS LTR
NPPSESEGSDGRFLISYDRTLVIKEVSSEDIADMHNSLSNYHQYVKCHGNTLLPQFLGMYRVSV D
NEDSYMLVMRNMFSHRLPVHRKYDLKGSLSREASDKEKVKELPTLRDMDFLNKNQKVYIGEEE
KKIFLEKLKRDVEFLVQLKIMDYSLLLGIHDIIRGSEPEEEAPVREDESEVDGDCSLTGPPALVGSY
GTSPEGIGGYIHSRPLGPGEFESFIDVYAIRSAEGAPQKEVYFMGLIDILTQYDAKKKAAHA AKTVK
HGAGAEISTVHPEQYAKRFLDFITNIFA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.7

Interspecies Antigen Sequence

Mouse (95); Rat (96)

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 — PIP4K2C

Entrez GeneID	79837
GeneBank Accession#	NM_024779.3
Protein Accession#	NP_079055.2
Gene Name	PIP4K2C
Gene Alias	FLJ22055, PIP5K2C
Gene Description	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma
Gene Ontology	Hyperlink
Gene Summary	type II
Other Designations	phosphatidylinositol-4-phosphate 5-kinase, type II, gamma

Pathway

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

- [Regulation of actin cytoskeleton](#)

Disease

- [Arthritis](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)