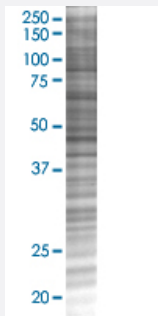


PIP5K1C 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023396-T02

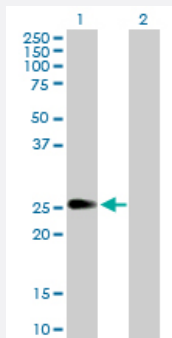
Size 100 uL

Applications



SDS-PAGE Gel

PIP5K1C transfected lysate.



Western Blot

Lane 1: PIP5K1C transfected lysate (21.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PIP5K1C full-length
Host	Human
Theoretical MW (kDa)	21.6
Interspecies Antigen Sequence	Mouse (32); Rat (26)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PIP5K1C antibody ([H00023396-D01P](#)) by Western Blots.
SDS-PAGE Gel
PIP5K1C transfected lysate.
Western Blot
Lane 1: PIP5K1C transfected lysate (21.60 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PIP5K1C

Entrez GeneID

[23396](#)

GeneBank Accession#

[BC011138.1](#)

Protein Accession#

[AAH11138.1](#)

Gene Name

PIP5K1C

Gene Alias

KIAA0589, LCCS3, PIP5K-GAMMA, PIP5Kgamma

Gene Description

phosphatidylinositol-4-phosphate 5-kinase, type I, gamma

Omim ID

[606102 611369](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the type I phosphatidylinositol-4-phosphate 5-kinase family of enzymes. A similar protein in mice is found in synapses and focal adhesion plaques, and binds the FERM domain of talin through its C-terminus. [provided by RefSeq]

Other Designations

Human homolog of mouse phosphatidylinositol-4-phosphate 5-kinase I-gamma|PtdIns(4)P-5-kinase|diphosphoinositide kinase|phosphatidylinositol-4-phosphate 5-kinase I-gamma|type I PIP kinase

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)