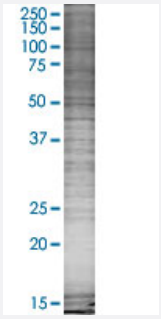
PIP4K2B 293T Cell Transient Overexpression Lysate(Denatured)

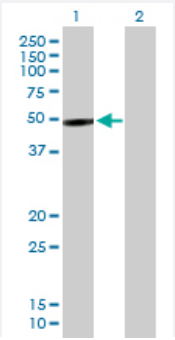
Catalog # H00008396-T01 Size 100 uL

Applications



SDS-PAGE Gel

PIP4K2B transfected lysate.



Western Blot

Lane 1: PIP4K2B transfected lysate (47.4 KDa)
Lane 2: Non-transfected lysate.

Specification

Product Description	
Transfected Cell Line	293T
Plasmid	pCMV-PIP5K2B full-length
Host	Human
Theoretical MW (kDa)	47.4

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PIP5K2B antibody (H00008396-B01P) by Western Blots. SDS-PAGE Gel PIP4K2B transfected lysate. Western Blot Lane 1: PIP4K2B transfected lysate (47.4 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 — PIP4K2B

Entrez GeneID	8396
GeneBank Accession#	NM_003559
Protein Accession#	NP_003550.1
Gene Name	PIP4K2B
Gene Alias	PI5P4KB, PIP5K2B, PIP5KIIB, PIP5KIIbeta
Gene Description	phosphatidylinositol-5-phosphate 4-kinase, type II, beta
Omim ID	603261
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family. The encoded protein sequence does not show similarity to other kinases, but the protein does exhibit kinase activity. Additionally, the encoded protein interacts with p55 TNF receptor. [provided by RefSeq
Other Designations	1-phosphatidylinositol-4-phosphate kinase|PTDINS(4)P-5-kinase|diphosphoinositide kinase|phosphatidylinositol-4-phosphate 5-kinase, type II, beta

Pathway

- Endocytosis
- Fc gamma R-mediated phagocytosis
- Inositol phosphate metabolism
- Metabolic pathways
- Phosphatidylinositol signaling system
- Regulation of actin cytoskeleton

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis