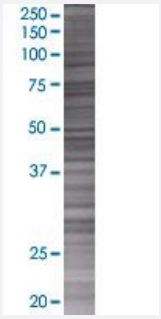
INPP5E 293T Cell Transient Overexpression Lysate(Denatured)

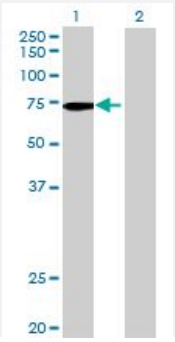
Catalog # H00056623-T01 Size 100 uL

Applications



SDS-PAGE Gel

INPP5E transfected lysate.



Western Blot

Lane 1: INPP5E transfected lysate (70.95 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-INPP5E full-length
Host	Human
Theoretical MW (kDa)	70.95
Interspecies Antigen Sequence	Mouse (76); Rat (76)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-INPP5E antibody (H00056623-B01) by Western Blots. SDS-PAGE Gel INPP5E transfected lysate. Western Blot Lane 1: INPP5E transfected lysate (70.95 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 — INPP5E

Entrez GeneID	56623
GeneBank Accession#	NM_019892.3
Protein Accession#	NP_063945.2
Gene Name	INPP5E
Gene Alias	MGC117201, PPI5PIV
Gene Description	inositol polyphosphate-5-phosphatase, 72 kDa
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1,4,5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. Studies of the mouse counterpart suggest that this protein may hydrolyze phosphatidylinositol 3,4, 5-trisphosphate and phosphatidylinositol 3,5-bisphosphate on the cytoplasmic Golgi membrane and thereby regulate Golgi-vesicular trafficking. [provided by RefSeq
Other Designations	OTTHUMP00000022575|inositol polyphosphate-5-phosphatase E|phosphatidylinositol (4,5) bisphosphate 5-phosphatase|phosphatidylinositol polyphosphate 5-phosphatase type IV

Pathway

- Inositol phosphate metabolism
- Metabolic pathways
- Phosphatidylinositol signaling system