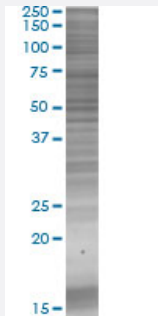


PI4KII 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00055361-T03

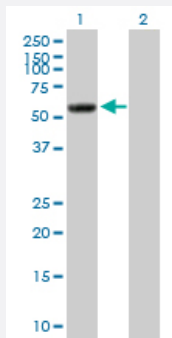
Size 100 uL

Applications



SDS-PAGE Gel

PI4K2A transfected lysate.



Western Blot

Lane 1: PI4K2A transfected lysate (54.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PI4KII full-length
Host	Human
Theoretical MW (kDa)	54
Interspecies Antigen Sequence	Mouse (95); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PI4KII antibody ([H00055361-B01P](#)) by Western Blots.
SDS-PAGE Gel
PI4K2A transfected lysate.
Western Blot
Lane 1: PI4K2A transfected lysate (54.00 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 — PI4K2A

Entrez GeneID

[55361](#)

GeneBank Accession#

[NM_018425](#)

Protein Accession#

[NP_060895](#)

Gene Name

PI4K2A

Gene Alias

DKFZp761G1923, PI4KII, PIK42A, RP11-548K23.6

Gene Description

phosphatidylinositol 4-kinase type 2 alpha

Omim ID

[609763](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Phosphatidylinositolpolyphosphates (PtdInsPs) are centrally involved in many biologic processes, ranging from cell growth and organization of the actin cytoskeleton to endo- and exocytosis. PI4KII phosphorylates PtdIns at the D-4 position, an essential step in the biosynthesis of PtdInsPs (Barylko et al., 2001 [PubMed 11244087]).[supplied by OMIM]

Other Designations

OTTHUMP00000020224|phosphatidylinositol 4-kinase type II (PI4KII)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)