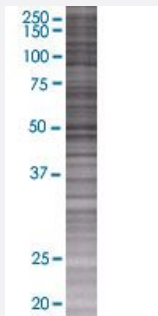


VPS4A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00027183-T01

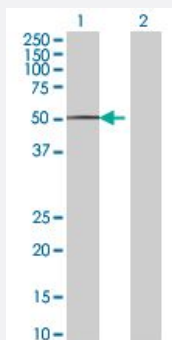
Size 100 uL

Applications



SDS-PAGE Gel

VPS4A transfected lysate.



Western Blot

Lane 1: VPS4A transfected lysate (48.18 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-VPS4A full-length
Host	Human
Theoretical MW (kDa)	48.18
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-VPS4A antibody ([H00027183-B01](#)) by Western Blots.
 SDS-PAGE Gel
 VPS4A transfected lysate.
 Western Blot
 Lane 1: VPS4A transfected lysate (48.18 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 — VPS4A

Entrez GeneID

[27183](#)

GeneBank Accession#

[NM_013245.2](#)

Protein Accession#

[NP_037377.1](#)

Gene Name

VPS4A

Gene Alias

FLJ22197, SKD1, SKD2, VPS4, VPS4-1

Gene Description

vacuolar protein sorting 4 homolog A (S. cerevisiae)

Omim ID

[609982](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. The former share a high degree of aa sequence similarity with each other, and also with yeast Vps4 and mouse Skd1 proteins. The mouse Skd1 (suppressor of K⁺ transport defect 1) has been shown to be really a yeast Vps4 ortholog. Functional studies indicate that both human paralogs associate with the endosomal compartments, and are involved in intracellular protein trafficking, similar to Vps4 protein in yeast. The gene encoding this paralog has been mapped to chromosome 16; the gene for the other resides on chromosome 18. [provided by RefSeq]

Other Designations

SKD1-homolog|vacuolar protein sorting factor 4A|vacuolar sorting protein 4

Pathway

- [Endocytosis](#)