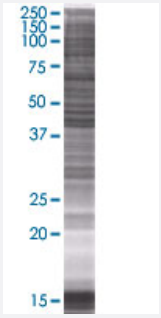
PSCD4 293T Cell Transient Overexpression Lysate(Denatured)

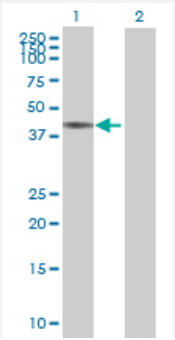
Catalog # H00027128-T01 Size 100 uL

Applications



SDS-PAGE Gel

PSCD4 transfected lysate.



Western Blot

Lane 1: PSCD4 transfected lysate (43.45 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PSCD4 full-length
Host	Human
Theoretical MW (kDa)	43.45
Interspecies Antigen Sequence	Mouse (92); Rat (93)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PSCD4 antibody (H00027128-B01) by Western Blots. SDS-PAGE Gel PSCD4 transfected lysate. Western Blot Lane 1: PSCD4 transfected lysate (43.45 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 — CYTH4

Entrez GeneID	27128
GeneBank Accession#	NM_013385.2
Protein Accession#	NP_037517.1
Gene Name	CYTH4
Gene Alias	CYT4, DJ63G5.1, PSCD4
Gene Description	cytohesin 4
Omim ID	606514
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. The encoded protein exhibits GEP activity in vitro with both ARF1 and ARF5 but is inactive with ARF6. The structures of this gene and CYTH1 are very similar. [provided by RefSeq
Other Designations	OTTHUMP00000028826|cytohesin-4|pleckstrin homology, Sec7 and coiled-coil domains 4|pleckstrin homology, Sec7 and coiled/coil domains 4

Disease

- Tobacco Use Disorder