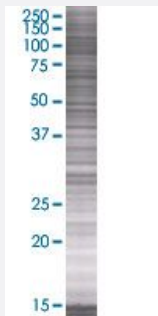


# PSCD3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009265-T01

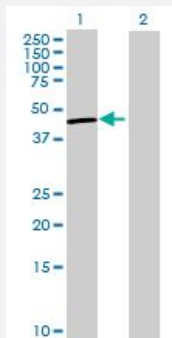
Size 100 uL

## Applications



### SDS-PAGE Gel

PSCD3 transfected lysate.



### Western Blot

Lane 1: PSCD3 transfected lysate ( 44 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-PSCD3 full-length
Host	Human
Theoretical MW (kDa)	44
Interspecies Antigen Sequence	Mouse (98); Rat (98)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-PSCD3 antibody ([H00009265-B01](#)) by Western Blots.  
SDS-PAGE Gel  
PSCD3 transfected lysate.  
Western Blot  
Lane 1: PSCD3 transfected lysate ( 44 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 — CYTH3

**Entrez GeneID**[9265](#)**GeneBank Accession#**[NM\\_004227.3](#)**Protein Accession#**[NP\\_004218.1](#)**Gene Name**

CYTH3

**Gene Alias**

ARNO3, GRP1, PSCD3

**Gene Description**

cytohesin 3

**Omim ID**[605081](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members 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. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1. [provided by RefSeq]

**Other Designations**

ARF nucleotide-binding site opener 3|general receptor of phosphoinositides 1|pleckstrin homology, Sec7 and coiled-coil domains 3|pleckstrin homology, Sec7 and coiled/coil domains 3

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