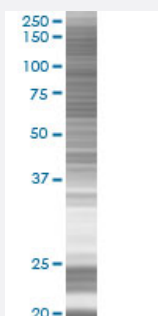


CYTH2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009266-T01

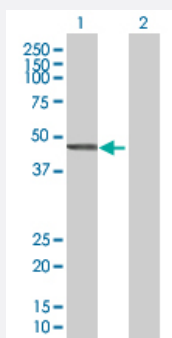
Size 100 uL

Applications



SDS-CYTH2 Gel

CYTH2 transfected lysate.



Western Blot

Lane 1: CYTH2 transfected lysate (46.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CYTH2 full-length
Host	Human
Theoretical MW (kDa)	46.5
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CYTH2 antibody ([H00009266-B01](#)) by Western Blots.
 SDS-CYTH2 Gel
 CYTH2 transfected lysate.
 Western Blot
 Lane 1: CYTH2 transfected lysate (46.5 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 — CYTH2

Entrez GeneID

[9266](#)

GeneBank Accession#

[NM_017457.3](#)

Protein Accession#

-

Gene Name

CYTH2

Gene Alias

ARNO, CTS18, CTS18.1, PSCD2, PSCD2L, SEC7L, Sec7p-L, Sec7p-like

Gene Description

cytohesin 2

Omim ID

[602488](#)

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 ARF1, ARF3, and ARF6 and is 83% homologous to CYTH1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

ARF exchange factor|ARF nucleotide-binding site opener|pleckstrin homology, Sec7 and coiled-coil domains 2 (cytohesin-2)|pleckstrin homology, Sec7 and coiled-coil domains 2-like|pleckstrin homology, Sec7 and coiled/coil domains 2 (cytohesin-2)
