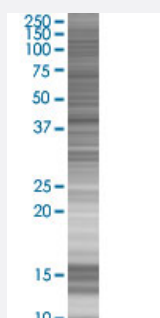


# SEC14L2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023541-T01

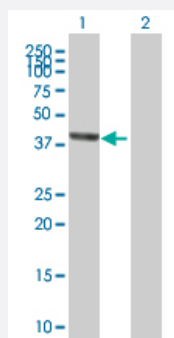
Size 100 uL

## Applications



### SDS-PAGE Gel

SEC14L2 transfected lysate.



### Western Blot

Lane 1: SEC14L2 transfected lysate ( 44.7 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                          |
|-------------------------------|--------------------------|
| Transfected Cell Line         | 293T                     |
| Plasmid                       | pCMV-SEC14L2 full-length |
| Host                          | Human                    |
| Theoretical MW (kDa)          | 44.7                     |
| Interspecies Antigen Sequence | Mouse (93); Rat (95)     |

#### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SEC14L2 antibody ([H00023541-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 SEC14L2 transfected lysate.  
 Western Blot  
 Lane 1: SEC14L2 transfected lysate ( 44.7 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 — SEC14L2

#### Entrez GeneID

[23541](#)

#### GeneBank Accession#

[BC058915.1](#)

#### Protein Accession#

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#### Gene Name

SEC14L2

#### Gene Alias

C22orf6, KIAA1186, KIAA1658, MGC65053, SPF, TAP, TAP1

#### Gene Description

SEC14-like 2 (S. cerevisiae)

#### Omim ID

[607558](#)

#### Gene Ontology

[Hyperlink](#)

#### Gene Summary

This gene encodes a cytosolic protein which belongs to a family of lipid-binding proteins including Sec14p, alpha-tocopherol transfer protein, and cellular retinol-binding protein. The encoded protein stimulates squalene monooxygenase which is a downstream enzyme in the cholesterol biosynthetic pathway. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

#### Other Designations

SEC14-like 2|squalene transfer protein|supernatant protein factor|tocopherol-associated protein

## Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)