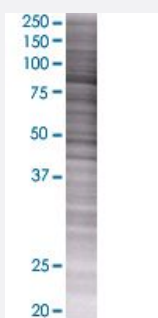


# GLE1L 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002733-T01

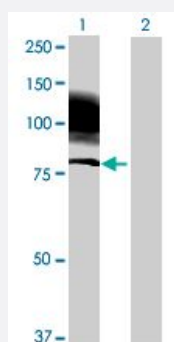
Size 100 uL

## Applications



### SDS-PAGE Gel

GLE1 transfected lysate.



### Western Blot

Lane 1: GLE1 transfected lysate ( 79.9 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-GLE1L full-length
Host	Human
Theoretical MW (kDa)	79.9
Interspecies Antigen Sequence	Mouse (82); Rat (83)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GLE1L antibody ([H00002733-B01](#)) by Western Blots.  
 SDS-PAGE Gel  
 GLE1 transfected lysate.  
 Western Blot  
 Lane 1: GLE1 transfected lysate ( 79.9 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 — GLE1

### Entrez GeneID

[2733](#)

### GeneBank Accession#

[BC030012](#)

### Protein Accession#

[AAH30012](#)

### Gene Name

GLE1

### Gene Alias

GLE1L, LCCS, LCCS1, hGLE1

### Gene Description

GLE1 RNA export mediator homolog (yeast)

### Omim ID

[603371](#)

### Gene Ontology

[Hyperlink](#)

### Gene Summary

This gene encodes a predicted 75-kDa polypeptide with high sequence and structure homology to yeast Gle1p, which is nuclear protein with a leucine-rich nuclear export sequence essential for poly(A)+RNA export. Inhibition of human GLE1L by microinjection of antibodies against GLE1L in HeLa cells resulted in inhibition of poly(A)+RNA export. Immunofluorescence studies show that GLE1L is localized at the nuclear pore complexes. This localization suggests that GLE1L may act at a terminal step in the export of mature RNA messages to the cytoplasm. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

### Other Designations

GLE1 RNA export mediator homolog|GLE1 RNA export mediator-like|GLE1-like, RNA export mediator|OTTHUMP00000022280|OTTHUMP00000022281

## Disease

- [Tobacco Use Disorder](#)