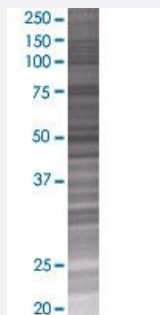


# EIF2D 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001939-T01

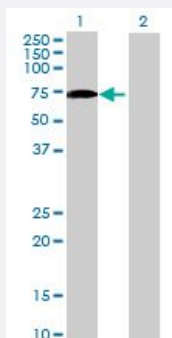
Size 100 uL

## Applications



### SDS-PAGE Gel

EIF2D transfected lysate.



### Western Blot

Lane 1: EIF2D transfected lysate ( 64.7 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-EIF2D full-length
Host	Human
Theoretical MW (kDa)	64.7
Interspecies Antigen Sequence	Mouse (81); Rat (81)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-EIF2D antibody ([H00001939-B01](#)) by Western Blots.  
SDS-PAGE Gel  
EIF2D transfected lysate.  
Western Blot  
Lane 1: EIF2D transfected lysate ( 64.7 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 — EIF2D

**Entrez GeneID**[1939](#)**GeneBank Accession#**[NM\\_006893](#)**Protein Accession#**[NP\\_008824](#)**Gene Name**

EIF2D

**Gene Alias**

LGTN; HCA56

**Gene Description**

eukaryotic translation initiation factor 2D

**Omim ID**[151625](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein receptor that localizes phosphoglycoproteins within endosomes and at the cell periphery. This trafficking receptor for phosphoglycoproteins may play a role in neuroplasticity by modulating cell-cell interactions, intracellular adhesion, and protein binding at membrane surfaces. In hippocampal neurons, long-lasting down-regulation of ligatin mRNA levels occurs via post-transcriptional RNA processing following glutamate receptor activation. This protein contains single PUA and SUI1 domains and these domains may function in RNA binding and translation initiation, respectively. [provided by RefSeq]

**Other Designations**

Hepatocellular carcinoma-associated antigen 56|OTTHUMP00000034537