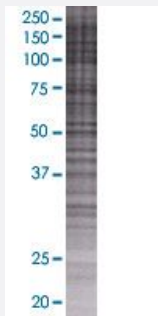


# RTN4IP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084816-T01

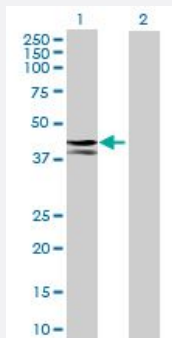
Size 100 uL

## Applications



### SDS-PAGE Gel

RTN4IP1 transfected lysate.



### Western Blot

Lane 1: RTN4IP1 transfected lysate ( 43.6 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-RTN4IP1 full-length
Host	Human
Theoretical MW (kDa)	43.6
Interspecies Antigen Sequence	Mouse (90); Rat (91)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-RTN4IP1 antibody ([H00084816-B01](#)) by Western Blots.  
SDS-PAGE Gel  
RTN4IP1 transfected lysate.  
Western Blot  
Lane 1: RTN4IP1 transfected lysate ( 43.6 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 — RTN4IP1

**Entrez GeneID**[84816](#)**GeneBank Accession#**[NM\\_032730](#)**Protein Accession#**[NP\\_116119](#)**Gene Name**

RTN4IP1

**Gene Alias**

MGC12934, NIMP

**Gene Description**

reticulon 4 interacting protein 1

**Omim ID**[610502](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a novel mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. The interaction of reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon-induced inhibition of neurite growth. [provided by RefSeq]

**Other Designations**

NOGO-interacting mitochondrial protein|OTTHUMP00000016926

## Disease

- [Tobacco Use Disorder](#)