

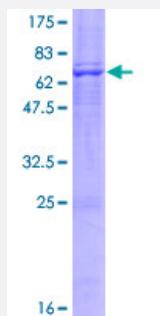
Full-Length

RTN4IP1 (Human) Recombinant Protein (P01)

Catalog # H00084816-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RTN4IP1 full-length ORF (NP_116119.2, 1 a.a. - 396 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEFLKTCVLRRNACTAVCFWRSKVVQKPSVRRISTTSPRSTVMPAWVIDKYGKNEVLRFTQNMM
MPIIHYPNEVIVKVHAASVNPIDVNMRSYGATALNMKRDLPHVKIKGEEFPLTLGRDVSGVVM
GLDVKYFKPGDEVWAAVPPWKQGTLSFVVVSGNEVSHKPKSLTHTQAASLPYVALTAWSAINK
VGGLNDKNCTGKRVLILGASGGVGTFAIQVMKAWDHVTAVCSQDASELVRKLGADDVIDYKSG
SVEEQLKSLKPFDFILDNVGGSTETWAPDFLKKWSGATYVTLVTPFLNMDRLGIADGMLQTGVT
VGSKALKHFWKGVHYRWAFFMASGPCLDDIAELVDAGKIRPVIEQTFPFSKVPEAFLKVERGHA
RGKTVINVV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70

Interspecies Antigen Sequence

Mouse (90); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RTN4IP1

Entrez GeneID	84816
GeneBank Accession#	NM_032730.3
Protein Accession#	NP_116119.2
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 mitochondria l 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](#)