

Product datasheet for AR50185PU-N

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RTN4IP1 (41-396, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: RTN4IP1 (41-396, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

VHAASVNPID VNMRSGYGAT ALNMKRDPLH VKIKGEEFPL TLGRDVSGVV MECGLDVKYF KPGDEVWAAV PPWKQGTLSE FVVVSGNEVS HKPKSLTHTQ AASLPYVALT AWSAINKVGG LNDKNCTGKR VLILGASGGV GTFAIQVMKA WDAHVTAVCS QDASELVRKL GADDVIDYKS GSVEEQLKSL KPFDFILDNV GGSTETWAPD FLKKWSGATY VTLVTPFLLN MDRLGIADGM LQTGVTVGSK ALKHFWKGVH YRWAFFMASG PCLDDIAELV DAGKIRPVIE QTFPFSKVPE

MGSSHHHHHH SSGLVPRGSH MGSTVMPAWV IDKYGKNEVL RFTQNMMMPI IHYPNEVIVK

AFLKVERGHA RGKTVINVV

Tag: His-tag
Predicted MW: 41.4 kDa
Concentration: lot specific

Purity: >95% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1 mM DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human RTN4IP1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeg: NP 001305675

 Locus ID:
 84816

 UniProt ID:
 Q8WWV3

Cytogenetics: 6q21





Synonyms: NIMP; OPA10

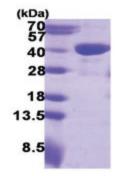
Summary: This gene encodes a mitochondrial protein that interacts with reticulon 4, which is a potent

inhibitor of regeneration following spinal cord injury. This interaction may be important for reticulon-induced inhibition of neurite growth. Mutations in this gene can cause optic atrophy 10, with or without ataxia, cognitive disability, and seizures. There is a pseudogene for this gene on chromosome 12. Alternative splicing results in multiple transcript variants. [provided

by RefSeq, Jan 2016]

Protein Families: Druggable Genome

Product images:



15% SDS-PAGE (3ug)