9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RTN4IP1 Human

Reticulon 4 Interacting Protein 1 Human Recombinant
RCP1937

Product Overview

Name	RTN4IP1 Human
Description	
Reticulon 4 Interacting Protein 1 Human Recombinant	
Accession (Primary)	Q8WWV3
Synonyms	
Reticulon-4-interacting protein 1 mitochondrial, NOGO-interacting mitochondrial protein, RTN4IP1, NIMP.	
Introduction	
RTN4IP1 is a unique mitochondrial protein that interacts with reticulon 4, which is an effective inhibitor of regeneration ensuing spinal cord injury. The reticulon 4 interaction with mitochondrial proteins may offer insight into the mechanisms for reticulon-induced inhibition of neurite growth.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RTN4IP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS TVMPAWV IDKYGKNEVL RFTQNMMMPI IHYPNEVIVK 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 AFLKVERGHA RGKTVINVV.	

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Precautions

RTN4IP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WWV3)