

Product datasheet for TP506202

Rtn4ip1 (NM_130892) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse reticulon 4 interacting protein 1 (Rtn4ip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR206202 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGVLKTCVLRRSACAAACFWRRRTVIPKPPFRGISTTSARSTVMPAWVIDKYGKNEVLRFTQNMMLPIIHY
PNEVIKVAASVNPIDVNMRSYGATALNMKRDPLHMKTKGEEFPLTLGRDVSQVMECGLDVKYFQPG
DEVWAAVPPWKQGLSEFVVSGNEVSHKPKSLTHTQAASLPYVALTAWSAINKVGGLSDRNCKGKRALI
LGASGGVGTFAIQVMKAWGAHVAVCSKDASELVRKLGAEVIDYTLGVSVEQLKSLKLFDFILDNVGGS
TETWALNFKKWSGATYVTLVTPFLNMDRLGVADGMLQTGVTGKALKHLWQGVHYRWAFFMASGPYL
DEIAELVDAGKIRPVIERTFPFSEVPEAFLKVERGHARGKTVNVV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	43.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_570962
Locus ID:	170728
UniProt ID:	Q924D0 , A0A0R4J0S3



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RefSeq Size: 2981

Cytogenetics: 10 23.12 cM

RefSeq ORF: 1191

Synonyms: D10Erttd690e; NIMP

Summary: Plays a role in the regulation of retinal ganglion cell (RGC) neurite outgrowth, and hence in the development of the inner retina and optic nerve (PubMed:26593267). Appears to be a potent inhibitor of regeneration following spinal cord injury (PubMed:12067236).[UniProtKB/Swiss-Prot Function]