

Recombinant Mouse Rtn4ip1 Protein, Myc/DDK-tagged

Cat. No. Rtn4ip1-5644M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length reticulon 4 interacting protein 1 (Rtn4ip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Appears to be a potent inhibitor of regeneration following spinal cord injury.
Molecular Mass	43.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Rtn4ip1 reticulon 4 interacting protein 1 [Mus musculus (house mouse)]
Official Symbol	Rtn4ip1
Synonyms	RTN4IP1; reticulon 4 interacting protein 1; reticulon-4-interacting protein 1, mitochondrial; NOGO-interacting mitochondrial protein; reticulon 4 interacting protein 1, mitochondrial; NIMP; D10Ert690e
Gene ID	170728
mRNA Refseq	NM_130892
Protein Refseq	NP_570962
UniProt ID	Q924D0

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