

## Recombinant Mouse Rtn4ip1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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

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