

Recombinant Mouse Rtn4r protein, His-tagged

Cat. No. Rtn4r-2301M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rtn4r protein(NP_075358.1)(Met1-Ser447), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser447
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted mature form of mouse RTN4R consists of 432 amino acids and has a predicted molecular mass of 47 kDa. Due to glycosylation, rmRTN4R migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Rtn4r reticulon 4 receptor [Mus musculus]
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Official Symbol	Rtn4r
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Synonyms	RTN4R; reticulon 4 receptor; reticulon-4 receptor; nogo receptor; Nogo-66 receptor; NgR; NgR1; NOGOR;
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Gene ID	65079
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mRNA Refseq	NM_022982
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Protein Refseq	NP_075358
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