Recombinant Mouse Rtn4r protein(Met1-Ser447), His&hFc-tagged

Cat. No. Rtn4r-2306M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse RTN4R (NP_075358.1) (Met 1-Ser 447) was expressed in HEK293, fused with the polyhistidine-tagged Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser447
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse RTN4R/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 669 amino acids and has a predicted molecular mass of 73.8 kDa. Due to glycosylation, rmRTN4R/Fc monomer migrates as an approximately 95-100 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 85 % 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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]
Official Symbol	Rtn4r
Synonyms	RTN4R; reticulon 4 receptor; reticulon-4 receptor; nogo receptor; Nogo-66 receptor; NgR; NgR1; NOGOR;
Gene ID	65079
mRNA Refseq	NM_022982
Protein Refseq	NP_075358

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