

## Active Recombinant Human RTN4R protein, His&hFc-tagged

Cat. No. RTN4R-840H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human RTN4R protein(NP_075380.1) (Met 1-Ser 447) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-447 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its ability to bind recombinant human RTN4 in a functional ELISA.
<b>Molecular Mass</b>	The recombinant human RTN4R/Fc is a disulfide-linked homodimer. The reduced monomer consists of 669 amino acids and has a predicted molecular mass of 73 kDa. As a result of glycosylation, the apparent molecular mass of rh RTN4R/Fc monomer is approximately 100 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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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 [ Homo sapiens ]

**Official Symbol** RTN4R

**Synonyms** RTN4R; reticulon 4 receptor; reticulon-4 receptor; NOGOR; UNQ330/PRO526; nogo receptor; Nogo-66 receptor; NGR;

**Gene ID** 65078

**mRNA Refseq** NM\_023004

**Protein Refseq** NP\_075380

**MIM** 605566

**UniProt ID** Q9BZR6

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