

Active Recombinant Human RTN4R protein, His&hFc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-447 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind recombinant human RTN4 in a functional ELISA.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	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

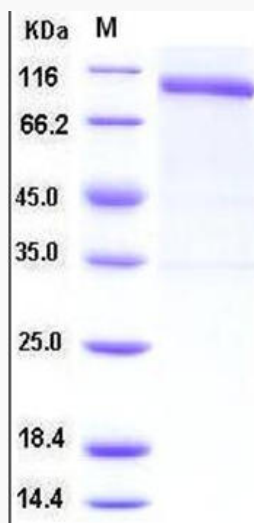
UniProt ID Q9BZR6

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SDS-PAGE



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