

Active Recombinant Human RTN4R protein, His-tagged

Cat. No. RTN4R-8536H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human RTN4R protein(Q9BZR6)(Cys27-Ser447) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	27-447 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human NOGOR, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-NOGOR Antibody, hFc Tag with the EC50 of 5.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 46.4 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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

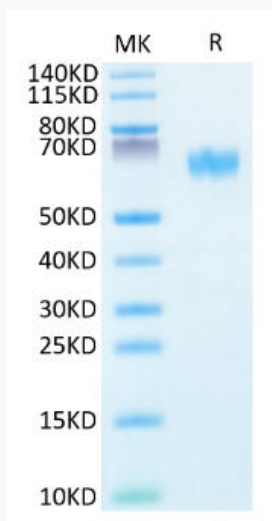
UniProt ID Q9BZR6

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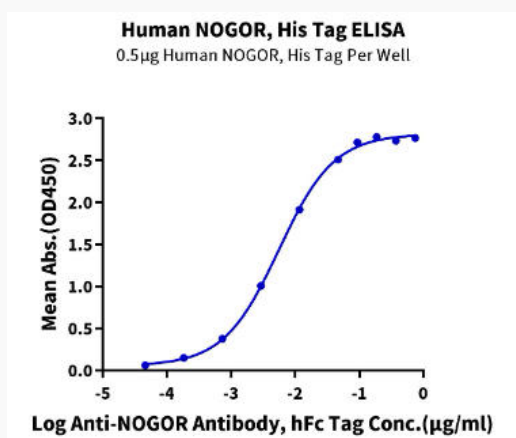
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Bis-Tris PAGE



ELISA Data



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