

## Active Recombinant Human RTN4R protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human RTN4R protein(Q9BZR6)(Cys27-Ser447) is expressed from HEK293 with His tag at the C-Terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	27-447 aa
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	-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

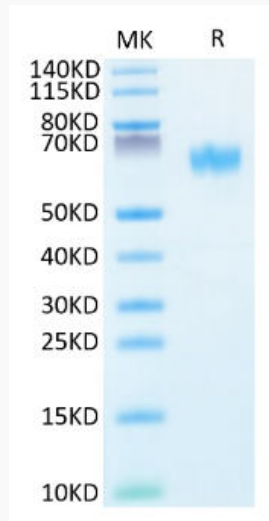
**UniProt ID** Q9BZR6

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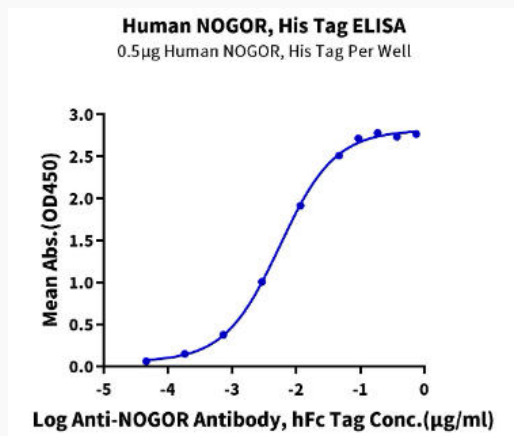
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**Bis-Tris PAGE**



**ELISA Data**



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