

Recombinant Human RTN4R protein, His-tagged

Cat. No. RTN4R-3882H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RTN4R protein(240-473 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	240-473 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ALPTEALAPLRALQYLRLNDNPWVCDRCRARPLWAWLQKFRGSSSEVPCSLPQRLA GRDLKRLAANDLQGCAVATGPYHPIWTGRATDEEPLGLPKCCQPDAADKASVLEPG RPASAGNALKGRVPPGDSPPGNGSGPRHINDSPFGTLPGSAEPPLTAVRPEGSEPP GFPTSGPRRRPGCSRKNRTRSHCRLGQAGSGGGGTGDSESGALPSLTCSLTPL GLALVLWTVLGPC
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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