

## Recombinant Human RTN4 protein(Met1-Val185), GST-tagged

**Cat. No.** RTN4-3990H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RTN4 (NP_065393.1)(Met 1-Val 185) was expressed in E. coli, fused with the GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-185 a.a.
<b>Form</b>	Lyophilized from sterile 20mM Tris, 150mM NaCl, 1mM DTT, 0.2mM GSH, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human RTN4/GST chimera consists of 417 amino acids and has a predicted molecular mass of 46.2 kDa. It migrates as an approxiamtely 48 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 70 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

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## GENE INFORMATION

**Gene Name** RTN4 reticulon 4 [ Homo sapiens ]

**Official Symbol** RTN4

**Synonyms** RTN4; reticulon 4; reticulon-4; ASY; KIAA0886; NOGO; NSP CL; foocen; Human NogoA; reticulon 5; My043 protein; neurite outgrowth inhibitor; neurite growth inhibitor 220; neuroendocrine-specific protein C homolog; NSP; NOGOC; RTN-X; NOGO-A; NSP-CL; Nogo-B; Nogo-C; RTN4-A; RTN4-C; RTN4-B1; RTN4-B2; NI220/250; Nbla00271; Nbla10545;

**Gene ID** 57142

**mRNA Refseq** NM\_007008

**Protein Refseq** NP\_008939

**MIM** 604475

**UniProt ID** Q9NQC3

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