

Active Recombinant Human RTN4 protein, GST-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human RTN4 protein(NP_065393.1)(Met 1-Val 185) was expressed in E.coli, fused with the GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-185 aa
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, 1mM DTT, 0.2mM GSH, pH 7.0.
Bio-activity	Measured by its ability to bind recombinant human RTN4R in a functional ELISA.
Molecular Mass	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 approximately 48 kDa band in SDS-PAGE under reducing conditions.
Purity	> 92 % 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-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.

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GENE INFORMATION

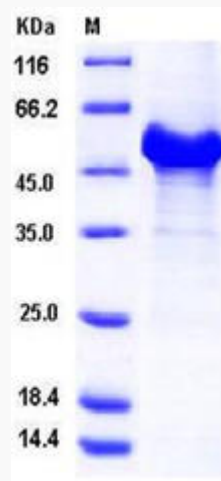
Gene Name	RTN4 reticulon 4 [Homo sapiens]
Official Symbol	RTN4
Synonyms	RTN4; reticulon 4; reticulon-4; ASY; KIAA0886; NOGO; NSP CL; foocen; Human NogoA; reticulon 5; My043 protein; neurite outgrowth inhibitor; neurite growth inhibitor 220; neuroendocrine-specific protein C homolog; NSP; NOGOC; RTN-X; 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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SDS-PAGE



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