

HUMAN RTN4R PROTEIN**Cat.#:** 12259**Product Name:** Human RTN4R Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** NGR;NOGOR**Target:** RTN4R**UNIPROT ID:** Q9BZR6**Description:** Recombinant human RTN4R Protein with C-terminal 6xHis tag**Background:** This gene encodes the receptor for reticulon 4, oligodendrocyte myelin glycoprotein and myelin-associated glycoprotein. This receptor mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system. [provided by RefSeq, Jul 2008]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 46.1 kDa after removal of the signal peptide.**Molecular Characterization:** RTN4R(Cys27-Ser447) 6×His tag**Purity:** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

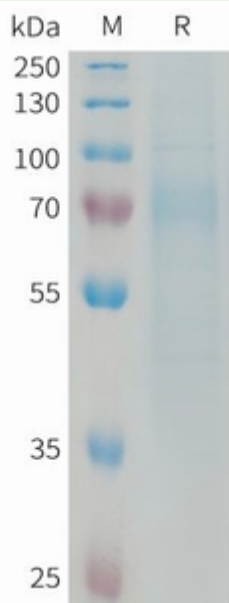


Figure 1. Human RTN4R Protein, His Tag on SDS-PAGE under reducing condition.