



# Recombinant Human Reticulon-4 receptor (RTN4R)

<b>Product Code</b>	CSB-YP880152HU
<b>Abbreviation</b>	RTN4R
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9BZR6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	CPGA CVCYNEPKVT TSCPQQGLQA VPVGIPAASQ RIFLHGNRIS HVPAASFRAC RNLTILWLHS NVLARIDAAA FTGLALLEQL DLSDNAQLRS VDPATFHGLG RLHTLHLDRG GLQELGPGLF RGLAALQYLY LQDNALQALP DDTFRDLGNL THLFLHGNRI SSVPERAFRG LHSLDRLLLH QNRVAHVHPPH AFRDLGRLMT LYLFANLSA LPTEALAPLR ALQYLRLNDN PWVCDRCRARP LWAWLQKFRG SSSEVPCSLP QRLAGRDLKR LAANDLQGCA VATGPYHPIW TGRATDEEPL GLPKCCQPPA ADKASVLEPG RPASAGNALK GRVPPGDSPP GNGSGPRHIN DSPFGTLPGS AEPPLTAVRP EGSEPPGFPT SGPRRRPGCS RKNRTRSHCR LGQAGSGGGG TGDSEGS
<b>Source</b>	Yeast
<b>Target Names</b>	RTN4R
<b>Protein Names</b>	Recommended name: Reticulon-4 receptor Alternative name(s): Nogo receptor Short name= NgR Nogo-66 receptor
<b>Expression Region</b>	27-447
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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