

Nogo-66 Receptor/Reticulon 4 Receptor Recombinant Protein | RTN4R recombinant protein

Recombinant Human Nogo-66 Receptor/Reticulon 4 Receptor Protein

CATALOG # AAA174596	HOST Human Cells
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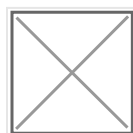
PRODUCT SYNONYMS

Nogo-66 Receptor/Reticulon 4 Receptor; Recombinant Human Nogo-66 Receptor/Reticulon 4 Receptor Protein; Reticulon-4 Receptor; Nogo Receptor; NgR; Nogo-66 Receptor; RTN4R; NOGOR; RTN4R recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Sequence Positions	Cys27-Ser447
Species	Human
Tag	C-6His
Endotoxin	< 1.0 EU per ?g as determined by the LAL method.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water(200?l) be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8? for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RTN4R recombinant protein	Nogo Receptor (NgR) is a glycosylphosphoinositol (GPI)-anchored protein that belongs to the Nogo receptor family. Human NgR is predominantly expressed in neurons and their axons in the central nervous systems. As a receptor for myelin-derived proteins Nogo, myelin-associated glycoprotein (MAG) and myelin oligodendrocyte glycoprotein (OMG), NgR mediates axonal growth inhibition and may play a role in regulating axonal regeneration and plasticity in the adult central nervous system. NgR may be proposed as a potential drug target for treatment of various neurological conditions. Additionally, NgR may play a role in regulating the function of gap junctions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13194201
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NCBI GeneID	65078
NCBI Accession #	NP_075380.1
NCBI GenBank Nucleotide #	NM_023004.6
UniProt Accession #	Q9BZR6; D3DX28
Molecular Weight	Mol_Mass: 46.3 kDa AP_Mol_Mass: 60-90 kDa
NCBI Official Full Name	reticulon-4 receptor
NCBI Official Synonym Full Names	reticulon 4 receptor
NCBI Official Symbol	RTN4R
NCBI Official Synonym Symbols	NGR; NOGOR
NCBI Protein Information	reticulon-4 receptor
UniProt Protein Name	Reticulon-4 receptor
UniProt Gene Name	RTN4R
UniProt Synonym Gene Names	NOGOR; NgR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rtn4r-recombinant-protein-human-cells/174596>