Product Name: Recombinant Mouse NgR (C-6His)
Catalog #: PHM1237

Summary

Name	Nogo-66 Receptor/Reticulon 4 Receptor/NgR/RTN4R
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Nogo-66 Receptor/Reticulon 4 Receptor is produced by our Mammalian expression system and the target gene encoding Cys27-Ser447 is expressed with a 6His tag at the C-terminus.
Accession #	Q99PI8
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	46.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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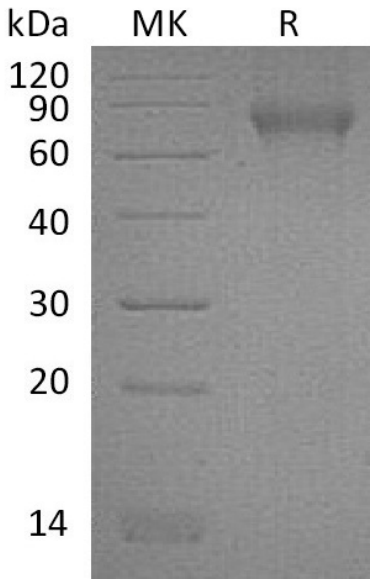

Alternative Names

Reticulon-4 Receptor; Nogo Receptor; NgR; Nogo-66 Receptor; RTN4R; NOGOR

Background

Nogo Receptor (NgR) is a glycosylphosphoinositol (GPI)-anchored protein that belongs to the Nogo recptor 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.

Note

For Research Use Only , Not for Diagnostic Use.