

## Product datasheet for **TP727436**

### Rtn4r Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Nogo-66 Receptor/Reticulon 4 Receptor/NgR/RTN4R (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Cys27-Ser447
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	65079
UniProt ID:	<a href="#">Q99PI8</a>
Synonyms:	Reticulon-4 Receptor; Nogo Receptor; NgR; Nogo-66 Receptor; RTN4R; NOGOR
Summary:	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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