

## Product datasheet for **TP720491L**

### Nogo Receptor (RTN4R) (NM\_023004) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human reticulon 4 receptor (RTN4R)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Cys27-Ser447
Tag:	C-His
Predicted MW:	46.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_075380</a>
Locus ID:	65078
UniProt ID:	<a href="#">Q9BZR6</a>
Cytogenetics:	22q11.21
Synonyms:	NGR; NOGOR



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**Summary:**

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]

**Protein Families:**

Druggable Genome

**Product images:**