

Specifications:

| | |
|----------------|------------------|
| Gene: | hRTN4RL1 |
| Accession: | NP_848663 |
| Insert size: | 1339bp |
| Concentration: | 10µg at 0.2µg/µL |

hNgR3/NgRH2 cDNA Plasmid

RTN4RL1 reticulon 4 receptor like 1 [*Homo sapiens* (human)]

Also known as: NgR3; NGRH2

Summary:

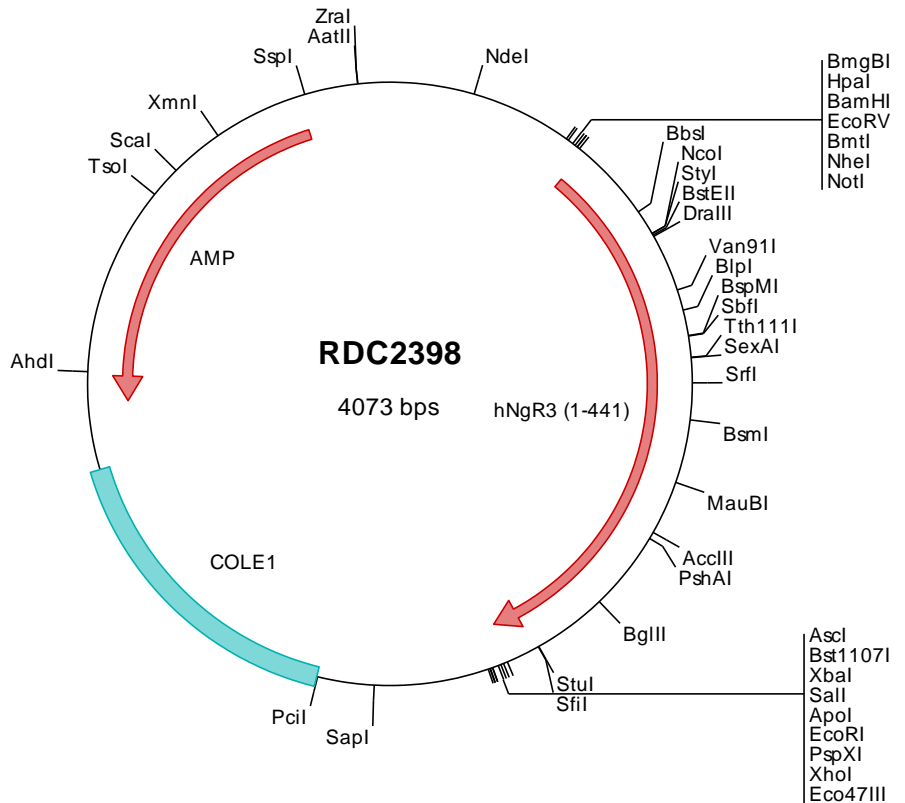
NgR3 is a GPI-linked glycoprotein belonging to the family of leucine-rich repeat (LRR) proteins. It contains eight central LRRs that are flanked by a LRR N-terminal subdomain and a cysteine-rich C-terminal subdomain. It plays a functionally redundant role in postnatal brain development and in regulating axon regeneration in the adult central nervous system.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

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|-------------|---|
| Formulation | cDNA is provided in 10 mM Tris-Cl, pH 8.5 |
| Shipping | Ships at ambient temperature |
| Stability | 1 year from date of receipt when stored at -20°C to -80°C |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2398 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101 tcaggggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
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> RDC2398 Translated Insert Sequence

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