

Product datasheet for RN205968

Rtn4rl2 (NM_181380) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtn4rl2 (NM_181380) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rtn4rl2
Synonyms:	Ngrh1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205968 representing NM_181380 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGCCGGGCTCCGGCGCTGCTGCAAGTCTGCCTCAGCCTGCCTCCTGCTGACACTCCTGGCCC
TCCCTCCTGTGACCCCCAGCTGCCCTATGCTCTGCACCTGCTACTCCTCTCCGCCACAGTGAGCTGCCA
GGCCAACAACCTTCTCCTCGGTGCCGCTGTCTTCCACCCAGTACACAGCGACTTCTTGCAGAACAAC
CTATTGCTCACTGCGGCCAGGAACCTTTGGGCCAACCTGCTCACCTGTGGCTTTCTCCAACAACC
TCTCCACCATCTACCCTGGCACCTTCCGCCATCTGCAGGCCCTAGAGGAAGTGGACCTCGGTGACAAATCG
GCACCTGCGCTCCCTGGAGCCTGACACCTTCCAGGGCCTGGAGAGGCTGCAGTCACTACATCTGTACCGG
TGCCAGCTCAGCAGTCTGCCTGGCAACATCTTCCGAGGCCTGGTCAAGCTACAGTACCTCTACCTCCAGG
AGAACAGCCTGCTCCACCTACAGGATGACTTGTTCGCGACCTGGCCAACCTGAGCCACCTTTTCTCCA
CGGAACCGCTGCGGCTGCTCACGGAGCAGTGTTCGCGGCTTGGGCAGCCTGGACCGGCTGCTGCTG
CACGGGAACCGGCTGCAGGGCGTACACCGCGCAGCCTTCCACGGTCTCAGCCGCCTCACCATCCTTACC
TGTTCAACAACAGCCTGGCCTCGCTGCCGGGAGAGGCGCTGGCTGACCTGCCAGCGCTCGAGTTCCTGCG
GCTCAACGCCAACCCCTGGGCGTGCAGTGCAGCGCTCGGCCGCTTGGGCTTGGTCCAGCGCGCGCGG
GTGTCCAGCTCCGACGTGACCTGCGCCACCCCGCCGAGCGCCAGGGCCGGGACCTGCGCACGCTGCGCG
ACACCGATTTCCAAGCGTGCCCGCCGCCACACCCACGCGGCCGGGAGCCGCGCCCGGCAACAGCTC
TTCCAACCACTGTACGGCGTGGCCGAGGCGGGCGCTCCCCCGCAGACCCATCCACGCTTACCGAGAC
CTGCCCGCGAGGACTCGCGGGGCGTCAAGGCGGGGACGCGCCACTGAGGACGACTACTGGGGGGGCT
ACGGCGCGGAGGACCAGCGAGGCGAGCAGTGTCCCGGGCCGCTGCCAGGCGCCCGGACTCGCG
TGGCCCCGTGCTCTCGCCGGGCTGCGCACCCCTCTGCTGCCTCTTGCTCCTGGCTCCCATCACCTC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_181380
Insert Size:	1263 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_181380.2 , NP_852045.1
RefSeq Size:	1304 bp
RefSeq ORF:	1263 bp
Locus ID:	311169
UniProt ID:	Q80WD1
Cytogenetics:	3q24
Gene Summary:	member of the reticulon 4 receptor family of proteins that may be involved in regulation of axonal regeneration [RGD, Feb 2006]