

Product datasheet for **RN207401**

Rtn4rl1 (NM_181377) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Rtn4rl1 (NM_181377) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rtn4rl1 |
| Synonyms: | Ngrh2 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN207401 representing NM_181377
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCGCAAAGGGTGTGTGGAATTGCTGTGTTGCTGCTGGTGGAGAGCTACCTCTGAGTGGTG
 GTTGTCCCTCGAGACTGTGTGTGCTACCCCTCGCCCATGACTGTGAGTTGCCAGGCACACAACCTTTGCCGC
 CATCCCCGAGGGCATCCCAGAGGACAGCGAGCGCATCTTCTGCGAGAACAATCACATCACCTTCTCCAG
 CAGGGCCACTTCAGCCCCGCCATGGTCACCCTCTGGATCTACTCCAACAACATCACTTTTCATTGCTCCCA
 ACACCTTTGAGGGCTTTGTGCATCTGGAGGAGCTAGACCTTGGAGACAACCGGCAGCTTCGAACGCTGGC
 ACCCGAGACCTTCCAAGGCTGGTGAAGCTTACGCCCTCTACCTCTACAAGTGGGACTGAGCTCCCTG
 CCTGCGGGCATCTTTGGTGGCTGCACAGCCTGCAGTACCTCTACTTGCAGGACAACCATATTGAGTACC
 TCCAAGATGACATCTTTGTGGACCTGGTCAACCTCAGTCACTTGTCTCCATGGCAACAAGCTATGGAG
 CCTGGGCCAGGGCATCTCCGGGGCCTGGTGAACCTGGACCGGTTGCTGTGCATGAGAACCAGCTACAG
 TGGGTCCACCACAAGGCTTTCCATGACCTCCACAGGCTAACCCACCTCTTTCTCTCAACAATAGCCTCA
 CCGAGCTGCAGGGTGACTGCCTGGCCCCCTGGTGGCCCTGGAGTTTCTTCGCCTCAATGGGAATGCTTG
 GGACTGTGGTGGCGGGCACGGTCCCTGTGGGAATGGCTGCGAAGGTTCCGTGGCTCCAGCTCTGTTGTC
 CCCTGCGCGACTCCAGAGCTGCGGCAAGGCCAGGACCTGAAGTCGCTGAGGGTTGAGGACTTCCGGAAC
 GCACTGGACCAGCGTCTCCTCACCAGATCAAGTCTCACACGCTTAGCACCTCTGACAGGGCTGCCGCAA
 GGAGCACCATCCCTCCCACGGTGCCTCCAGGGACAAGGCCACCCACATGGCCATCTGCCTGGCTCCAGG
 TCAGGTTCCAAGAAGCCAGGCAAGAAGTGCACCCAGCCACAGGAACCGAAACCAGATCTCTAAGGGGAGCG
 CTGGGAAAAGAGCTTCTGAAGTGCAGGACTATGCCCCCGACTATCAGCACAAGTTGACATCAT
 GCCCACTGCACGACCCAAGAGGAAGGGCAAGTGTGCCCGCAGGACCCCATCCGTGCCCCCAAGTGGGGTG
 CAGCAGGCTCCTCAGGCACGGCCCTCGGGTCTCACTCCTGGCCTGGATACTGGGGCTGGTGGTATCTC
 TCCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_181377

Insert Size: 1338 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:

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_181377.3](#), [NP_852042.1](#)
RefSeq Size: 3309 bp
RefSeq ORF: 1338 bp
Locus ID: 303311
UniProt ID: [Q80WD0](#)
Cytogenetics: 10q24
Gene Summary: neuronal receptor; may have a role in the central nervous system [RGD, Feb 2006]