

Product datasheet for **RN211810**

Rxrg (NM_031765) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rxrg (NM_031765) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rxrg
Synonyms:	MGC109416
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211810 representing NM_031765
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTATGGAAATTACTCCCACTTCATGAAGTTTCCACCAGGCTTTGGTGGCTCCCCTGGTACACTGGCT
 CCACATCCATGAGCCCATCGGTAGCCTTGCCACAGGGAAGCCGATGGACAGTCATCCAGCTACACAGA
 TACCCAGTGAGTCCCCACGGACGCTGAGTGCTGTGGGAACCCCTCAATGCTCTCGGCTCTCCGAT
 AGAGTCATCACTTCTGCCATGGTCCACCTCAGGAGCCCTGGCAGCTCCTCCGGGAATCAACTGGTGG
 TTCCACCAGCTCTCAGCTCAATGTGGTCAACAGTGTGACGAGCTCCGAGGACATCAAGCCCTTACCAGG
 TCTGCCTGGGATCGAAATATGAACTACCCATCCACCAGCCCGGGTCTCTGGTGAACACATCTGTGCC
 ATCTGTGGGGACAGATCCTCAGGAAAGCACTACGGGTGTATAGCTGTGAAGGCTGCAAAGGCTTCTTCA
 AGAGAACCATAAGGAAAGACCTCATCTACAGTGTGGGATAACAAAGACTGTCTCATCGACAAGCGCCA
 GCGCAACCGTTGCCAGTACTGTCTTACCAGAAGTGCCTGGTTCATGGGCATGAAGAGGGAAGCTGTCAA
 GAAGAAAGGCAGAGGAGCCGGGAGCGAGCAGAGAGTGAGGCAGAAATGTGCCAGTACTGGCCATGAAGACA
 TGCCGGTGGAGAGGATTCTAGAAGCTGAGCTTGCTGTGGAACCAAGACCGAATCCTACGGCGACATGAG
 TGTGGAGAGCTCGACAAATGACCCTGTCACCAATATATGCCACGCTGCGGATAAGCAGCTTTCACCCCT
 GTTGAGTGGGCCAAACGCATCCCCACTTCTCAGACCTCACCTTGGAGGACCAGGTCATTCTGCTCCGGG
 CAGGGTGGAAATGAATTGCTGATTGCCTCCTTCTCCACCAGCTCGGTTTCTGTCCAGGATGGCATCCTGCT
 GGCCACAGGCTCCACGTCCACAGGAGCAGCGCTCACAGCGGGGCGTCCGCTCCATCTTTGACAGAGTC
 CTCACAGAGCTGGTGTCCAAGATGAAGGACATGCGGATGGATAAGTCCGAGCTCGGGTGCCTGCGCGCCA
 TTGTGCTTCAATCCAGATGCCAAGGTTTGTCCAACCCCTCGGAGGTGGAGACTCTTCGAGAGAAGGT
 TTATGCCACCCTCGAGGCTATACCAAGCAGAAGTATCCAGAACAGCCTGGCAGGTTTGCCAAGCTTCTG
 CTGCGCTCCAGCTCTGCGCTCCATTGGATTGAAATGCCTGGAACACCTTCTTCTTCAAGCTCATTG
 GGGATACCCCATGACACCTTCTCATGGAGATGTTGGAGACCCTCTGCAGATCACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031765
- Insert Size:** 1392 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_031765.1](#), [NP_113953.1](#)
RefSeq Size: 1990 bp
RefSeq ORF: 1392 bp
Locus ID: 83574
UniProt ID: [Q5BJR8](#)
Cytogenetics: 13q24
Gene Summary: receptor for retinoid 9-cis-retinoic acid; may be involved in differentiation of limb myoblasts [RGD, Feb 2006]