

Product datasheet for **RN214515**

Rxrb (NM_206849) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rxrb (NM_206849) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rxrb
Synonyms:	RXR-beta
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214515 representing NM_206849
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTTGGGCCACTCGTCCGCCCTTCTCCCGCCGGCATGCCGCGGGCAGTGTGGCCGGTGGGG
 TGAGAAAAGAGATGCATTGTGGGTGCGTCCCGTGGCGGCGGGCGGCCCTGGCTGGATCCCGCGC
 GCGGGCGCCGGAGAGCAGCAAACCTGGAGCCGGAGCCGGGGAGGCTGGCCGGACGGGATGGCGAC
 AGCGGGCGGGATTCCGAAGCCAGACAGCTCCTCCCAAATCCCTTTCCAGGGGATCCCTCCCTCT
 CTCCTCCCGTCCACCTCACACCCTTCAGCACCTCCACCTCCAATGCCACCCCTCCACTGGGCTCCC
 CTTCCAGTCATCAGTTCTTCCATGGGGTCTCCTGGCTTGCCCTCCGGCTCCCCAGGATTCTCCGG
 CCTGTCAGCAGCCCTCAGATTAAGTCCACAGTGTGCTCCCTGGGGTGGGTCTGGCCCCCTGAAGATG
 TGAAGCCACCAGTCTTAGGGTCCGGGGCTGCACTGTCCACCCCTCCAGGTGGCCCTGGGGCTGGCA
 ACGACTTTGTGAATCTCGGGGACCGAAGCTCAGGCAAGCACTATGGGGTTTACAGCTGCGAGGGCTGC
 AAGGGTTTCTTCAAGCGCACCTTCGGAAGGACCTGACCTACTCATGCCGAGATAACAAAGACTGCACAG
 TGGACAAGCGCCAGCGGAATCGCTGTGACTGTGATATCAGAAGTGCTGGCCACCGGCATGAAAAG
 GGAGGCGGTACAGGAGGAGCGACAACGGGGGAAGGACAAAGACGGGGATGGGGATGGGGCTGGGGAGCC
 CCCGAGGAGATGCCGGTGGACAGGATCCTGGAGGAGAGCTTGTGTGGAACAGAAGAGCGACCAAGGCG
 TTGAGGGCCCTGGGGCACCGGGGGAGTGGCAGCAGCCCAATGACCCAGTGACTAACATCTGCCAGGC
 GGCTGACAAGCAGCTGTTCACTCGTGGAGTGGGCAAGAGGATCCCGCACTTTTCTCCCTACCTCTG
 GACGACCAGGTCATACTGCTCGGGCAGGCTGGAATGAGCTCCTCATTGCGTCTTCTCCCATCGGTCCA
 TCGATGTCGAGATGGCATCCTCCTGGCCACGGGTCTTCATGTGCACAGAACTCAGCCATTCTGCAGG
 CGTGGGAGCCATCTTGTATCGGGTGTGACAGAGCTAGTGTCCAAAATGGGTGACATGAGGATGGACAAG
 ACGGAGCTTGGCTGCCTGCGGGCAATCATACTGTTTAACCCAGACGCAAGGGCCTCTCCAAACCTGGAG
 AGGTGGAGATCCTTCGGGAGAAGGTGTATGCCTACTGGAGACCTACTGCAAGCAGAAGTATCCTGAGCA
 GCAGGGCCGGTTTCCAAGCTGCTACTAGTCTTCTGCCCTGCGCTCCATCGGCCTCAAGTGTCTGGAG
 CACCTGTTCTTCAAGCTCATTGGCGACACCCCAATTGACACCTTCTCATGGAGATGCTTGAGGCTC
 CCCACCAGCTAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_206849

Insert Size: 1557 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_206849.3](#), [NP_996731.2](#)

RefSeq Size: 2481 bp

RefSeq ORF: 1557 bp

Locus ID: 361801

Cytogenetics: 20p12

Gene Summary: forms a dimer with the retinoic acid receptor and other nuclear receptors; enhances retinoic acid receptor, thyroid hormone receptor, and vitamin D receptor transcriptional regulation activities [RGD, Feb 2006]