

Product datasheet for **MC206712**

Rxrb (BC049773) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rxrb (BC049773) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rxrb
Synonyms:	Nr2b2, RCoR-1, H-2RIIBP, Rub
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC049773
 CCGAGCCGAGCGCGGCTCTTGAGTCGCGCTGCCACAGGCCGCGGCTGCTCGCCTCCGCGGCTTCGTCG
 GGCCCCGAGTCCCCCGCTGTCCCCCTGCGCGTCCCTGGCGCCTCTCCGGCTTCCCCGCCCTCGGCCCC
 GGGCTCATGTCTTGGGCACTCGTCCGCCCTTCTCCCGCCGCGGCATGCCGCGGGCAGTGTGGGCGG
 TGGGGGTGAGAAAAGAGATGCATTGTGGGTGCGTCCCGGTGGCGGCGGCGGCCCTGGCTGGATCC
 CGCGCGGCGGCGGCGGCGGCGGAGAGCAGCAAGCCCTGGAGCCGGAGCCGGGGAGGCTGGCCGGGAC
 GGGATGGGCGACAGCGGGCGGATTCCCGAAGCCAGACAGCTCTCCCAAATCCCCTTCTCAGGGGA
 TCCGTCCGTCTTCTCCTCTGGCCACCTTTACCCCTTACAGCCTCCACCTCCAATGCCACCCCGCC
 ACTGGGCTCCCCCTCCAGTCATCAGTTCTTCCATGGGGTCCCCGGTCTGCCCTCCGGCTCCCCCA
 GGATTCTCCGGCCTGTGAGCAGCCCTCAGATCAACTCCACAGTGTGCTCCCTGGGGTGGGTCTGGCC
 CCCCTGAAGATGTGAAGCCACCGGTCTTAGGGTCCGGGCTGCACTGTCCACCCCTCCAGGTGGTCC
 TGGGGCTGGCAAACGGCTCTGTCAATCTGCGGGACCGAAGCTCAGGCAAGCACTATGGGGTTACAGC
 TGCGAGGGCTGCAAGGGTTTCTCAAGCGCACCATTGGAAGGACCTGACCTACTCGTGTGATAACA
 AAGACTGTACAGTGGACAAGCGCCAGCGAATCGCTGTGACTGTGCTATCAGAAGTGCCTGGCCAC
 TGGCATGAAAAGGAGGCGGTTCCAGGAGAGCGTCAACGGGGAAAGACAAGACGGGGATGGAGATGGG
 GCTGGGGAGCCCTGAGGAGATGCCTGTGGACAGGATCCTGGAGCAGAGCTTGTGTGGAGCAGAAGA
 GTGACCAAGGCGTTGAGGGTCTGGGGCCACCGGGGTGGTGGCAGCAGCCAAATGACCAAGTACTAA
 CATCTGCCAGGACAGTGACAAACAGCTGTTCACTCGTTGAGTGGGCAAAGAGGATCCCGCACTTCTCC
 TCCCTACCTCTGGACGATCAGGTCACTGCTGCGGGCAGGCTGGAACGAGCTCCTCATTGCGTCTTCT
 CCCATCGGTCCATTGATGTCCGAGATGGCATCCTCTGGCCACGGGTCTTATGTGCACAGAAACTCAGC
 CCATCCCGAGGCGTGGGAGCCATCTTTGATCGGGTGTGACAGAGCTAGTGTCCAAAATGCGTGACATG
 AGGATGGACAAGACAGAGCTTGGCTGCCTGCGGGCAATCATACTGTTAATCCAGACGCCAAGGGCTCT
 CCAACCTGGAGAGGTGGAGATCCTTCGGGAGAAGGTGTACGCCTCACTGGAGACCTACTGCAAGCAGAA
 GTACCCTGAGCAGCAGGGCGGTTTCCCAAGCTGCTGTTACGTCTTCTGCCCTCCGCTCCATCGGCCTC
 AAGTGTCTGGAGCAGCTGTTCTTCTTCAAGCTATTGGCGACACCCCATGACACCTTCTCATGGAGA
 TGCTTGAGGCTCCCCACCAGCTAGCCTGAGCCAGATGCACACCGAGTGTCACTGAGGAGGACTGAGCC
 TGGGCAGGGGCGAGCCATGGGACAGGTGCAGAGCAGGAGGGGACTTGCCAGCCTGCCAGGGATCTGG
 CAACACTTAGCAGGGTTCGCTTGGTCTCCAAGTCAGAGGGGACCCAGATCCCTGTGAGGACTATATGTC
 TACCTTCACTGCGCTTGTGCTGAATTTGTCGGGGTCTCCATGGTGCAGGTGATTCTTATCCTGGC
 TCCCCAGCACAAGCACTGCCCTGCTTCTTCTCATTGGCCTCACTCCCTTCTGAAGAGTGAACAGAG
 CTCCCCAGAAAAGGGTGTGTGGGCGAGCCCCCAAGCTGATGATCATGGGAGCAGGGCTCTGACAGC
 CTTTATCCTCTCAGACTTACAGATGGGCGAGAGGAGGACCTGCCTCTGTCTCCTGTACGCCCCATTT
 CACAGTCCCTCCTGACAGTCAAGTGAAGAATAAAGGGGTAGTGAAGGGGCTGCTGGAGGTGGAGAACCC
 ATTGCTCTTTAATTTCTGTGAGGAGAGACTGGGAGTTAGACTCAAAGAAGTACTGTACATCCCCAGGT
 TGACTTAAATGTGAGGGCTGGAGATGGCATGTGGGCAAGGAGGCCCTCAGGTGGGCTGTCCAAAGCTC
 CCTGGGCTCTGCCTCGGGTGGCCCTACAGCTCTTCCCTAGTCTCAGCACAGCTAGGCTGGGAGCAAGTG
 GGGACATTGATGGGGTGGCCAGCCTGCAGAGTTGGGTGCTGGGCTGCATGGTTTTTGCCTGGACCTCT
 TTTGGGGTCCCTCCCATCTTCACTTGCACATAAAGTTGCTTCCAGTTAAAAAATAAAAAAAAAAAAAA AAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC049773

Insert Size: 1563 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: [BC049773](#), [AAH49773](#)

RefSeq Size: 2595 bp

RefSeq ORF: 1563 bp

Locus ID: 20182

Cytogenetics: 17 17.98 cM

Gene Summary: Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE).[UniProtKB/Swiss-Prot Function]