

Product datasheet for **RN212568**

Rxra (NM_012805) Rat Untagged Clone

Product data:

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|---------------------------|-------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Rxra (NM_012805) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rxra |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN212568 representing NM_012805
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACACCAAACATTTCTGCCGCTCGACTTCTCTACCCAGGTGAAGTCTTTCATCCCTGAGCTCTCCAA
 CGGGTCGAGGCTCCATGGCTGCCCTCGCTGCACCTTCCCTGGGTCCAGGACTCGGCTCTCCTCTGGG
 CCCCCCTGGGCAGCTGCACTCGCCTATCAGCACCTGAGTTCTCCCATCAATGGCATGGGCCACCCCTTC
 TCGGTCATCAGCTCCCCGATGGGCCCGCACTCCATGTCGGTACCCACCACACCCACTGGGCTTCGGGA
 CTGGCAGCCCCAGCTCAACTACCCATGAACCCCGTGCAGCAGTGGAGATATCAAACCCCTTAGG
 CCTCAATGGCGTCTCAAGTTCTGCCACCCCTCAGGAAATATGTCATCCTTACCAAGCACATCTGC
 GCTATCTGTGGGACCGCTCCTCAGGCAAACACTATGGGGTCTACAGCTGTGAGGGCTGCAAGGGCTTCT
 TCAAGAGGACAGTACGCAAAGACCTGACCTACACCTGCCGTGACAACAAGGACTGCCTGATCGACAAGAG
 ACAGCGGAACCGGTGTCAGTACTGCCGATACCAGAAGTGCCTGGCCATGGGCATGAAGCGGGAAGCCGTG
 CAGGAGGAGCGGAGCGAGGCAAGGACCGGAACGAGAATGAGGTGGAGTCCACCAGCAGTGCCAACGAGG
 ACATGCCTGTAGAGAAGATTCTGGAAGCTGAGCTCGCTGTTGAGCCCAAGACTGAGACATACGTGGAGGC
 AAACATGGGGCTGAACCCAGCTCACCAATGACCCTGTTACCAACATCTGTCAAGCAGCAGACAAGCAG
 CTCTTCACTCTTGTGGAGTGGGCAAGAGGATCCACACTTTTCTGAGCTGCCCTGGACGACCAGGTCA
 TCCTCCTCCGGGCAGGCTGGAACGAGCTGCTGATTGCCTCTTCTCCACCGCTCCATAGCTGTGAAAGA
 CGGCATCTCTGGCCACCGCCTGCACGTACACAGGAACAGCGCTCACAGTGTGGGTGGGCGCCATC
 TTTGACAGGGTGTAAACGAGCTGGTGTGAAGATGCGTGACATGCAGATGGACAAGACGGAGCTGGGCT
 GCTTGCAGCCATTGTCCTTTCAACCCTGACTTAAGGGGCTCTCAAACCCCTGCTGAGGTGGAGGCGCT
 GAGGGAGAAGGTGTATGCATCACTAGAAGCGTACTGCAAACACAAGTACCCTGAGCAGCCGGCAGGTTT
 GCCAAGCTGCTGCTCCGGCTGCCTGCACTGCGATCCATTGGGCTCAAGTGCCTGGAGCACCTGTTCTTCT
 TCAAGCTCATCGGGGATACCCATCGACACTTCTCCTCATGGAGATGCTGGAGGCCCCACATCAAACCAC
CTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3672_e06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_012805

Insert Size: 1404 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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).

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|-------------------------------|---|
| 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: | <u>NM_012805.2</u> , <u>NP_036937.2</u> |
| RefSeq Size: | 1404 bp |
| RefSeq ORF: | 1404 bp |
| Locus ID: | 25271 |
| Cytogenetics: | 3p12 |
| Gene Summary: | displays 9-cis retinoic acid-dependent binding to transcription factor GATA-4 and corepressor FOG-2; regulates cardiac gene expression [RGD, Feb 2006] |