

## Product datasheet for MR229755

### Rxrb (NM\_001205216) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rxrb (NM\_001205216) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rxrb  
**Synonyms:** AL023085; H-2RIIBP; Nr2b2; RCoR-1; Rub  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR229755 representing NM\_001205216  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGCCACCCCGCCACTGGGCTCCCCCTCCCAGTCATCAGTTCTTCCATGGGGTCCCCTGGTCTGCCCC  
 CTCGGCTCCCCAGGATTCTCCGGCCTGTCAGCAGCCCTCAGATCACTCCACAGTGTGCTCCCTGG  
 GGGTGGTCTGGCCCCCTGAAGATGTGAAGCCACCGGTTAGGGTCCGGGCTGCACTGTCCACCC  
 CCTCCAGGTGGTCTGGGCTGGCAAACGGCTCTGTGCAATCTCGGGGACCGAAGCTCAGGCAAGCACT  
 ATGGGGTTTACAGCTGCGAGGGCTGCAAGGGTTCTTCAAGCGCACCATTCGGAAGGACCTGACCTACTC  
 GTGTCGTGATAACAAAGACTGTACAGTGGACAAGCGCCAGCGGAATCGCTGTGACTGTGCTATCAG  
 AAGTGCCTGGCCACTGGCATGAAAAGGGAGGCGGTTTCCAGGAGAGCGTCAACGGGGGAAGGACAAAGACG  
 GGGATGGAGATGGGGCTGGGGAGCCCCGAGGAGATGCCTGTGGACAGGATCCTGGAGGAGAGCTTGC  
 TGTGGAGCAGAAGAGTGACCAAGCGTTGAGGGTCTGGGGCCACCGGGGTGGTGGCAGCAGCCCAAT  
 GACCCAGTGACTAACATCTGCCAGGCAGCTGACAAACAGCTGTTACACTCGTTGAGTGGGCAAAGAGGA  
 TCCCGCACTTCTCCTCCCTACCTCTGGACGATCAGGTCACTGCTGCGGGCAGGCTGGAACGAGCTCCT  
 CATTGCGTCTTCTCCATCGGTCCATTGATGTCCGAGATGGCATCCTCCTGGCCACGGGTCTTCATGTG  
 CACAGAACTCAGCCATTCCGCAGGCGTGGGAGCCATCTTTGATCGGGTGTGACAGAGCTAGTGTCCA  
 AAATGCGTGACATGAGGATGGACAAGACAGAGCTTGGCTGCCTGCGGGCAATCATACTGTTAATCCAGA  
 CGCCAAGGGCCTCTCAACCCTGGAGAGGTGGAGATCCTTCGGGAGAAGGTGTACGCCTCACTGGAGACC  
 TATTGCAAGCAGAAGTACCCTGAGCAGCAGGGCCGTTTGCCAAGCTGCTGTTACGTCTTCTGCCCTCC  
 GCTCCATCGGCTCAAGTGTCTGGAGCACCTGTTCTTCTCAAGCTCATTGGCGACACCCCAATTGACAC  
 CTCTCATGGAGATGCTTGAGGCTCCCCACCAGCTAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>ORF Size:</b>	1230 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001205216.1</a> , <a href="#">NP_001192145.1</a>
<b>RefSeq Size:</b>	2344 bp
<b>RefSeq ORF:</b>	1233 bp
<b>Locus ID:</b>	20182
<b>UniProt ID:</b>	<a href="#">P28704</a>
<b>Cytogenetics:</b>	17 17.98 cM
<b>MW:</b>	44.8 kDa
<b>Gene Summary:</b>	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]