

Product datasheet for **RN202465**

Rcor2 (NM_001013994) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcor2 (NM_001013994) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rcor2
Synonyms:	MGC105529
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202465 representing NM_001013994
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCCCTCTGTAATGGAGAAGCCAGTGC GGCTCCGGATCTTGTCCTCGAAGTCGGGCCAAGACGGCAC
 CCAACGGCGGACAGCCGACTCGGAGGATGACAGCAGCAGGAGGAGCACTCTCATGACAGCATGATCCG
 AGTTGGAACCAATTACCAAGCAGTAATCCGGAGTGCAAGCCTGAGAGCCCTGCGCGCTACAGCAACAAG
 GAGCTGAAGGGGATGCTGGTGTGGTCAACCAACACTGTGTATCCGATGCCAAGCTTGACAAGTACATTG
 CGATGGCCAAGGAGAAGCATGGCTACAACATTGAACAGGCACTTGGCATGCTTCTGTGGCACAACATGA
 CGTGGAGAAGTCACTGGCTGATCTAGCCAACCTCACTCCCTCCCTGATGAGTGGACGGTAGAGGACAAA
 GTGCTGTTGAGCAGGCCCTTGGGTTCCATGGCAAGTGTCCAGCGGATCCAGCAGATGCTCCCTGACA
 AGCTGATCCCCAGCCTGGTGAAGTATTACTACTCTTGGAAGAAGACCCGAAGTCGAACTAGTGTGATGGA
 CAGGCAGGCCAGGCGGCTGGGTGGCCGCAAGGACAAAGAAGACAGTGTGAGCTAGAAGAGGGACGAGGA
 GCTGTGAGCGAGGGAGAACC GGATACCGGGGACCCCAAGCGAGAGCCTCTGCCATCCAGACCTCTGAACG
 CACGGCCTGGTCTCTGGGAAGAAAGAGATCCAGGTATCTCAGTACCGCCACCACCCACTTCGAACTCGGAG
 ACGTCCGCCCAAGGGCATGTACCTGAGTCTGAAGGCCTCACTGCAGTATCGGGAAGCCACAGCCTTGCT
 AACCTCACACTCCGAGGTCTCGACTCACAGCTCATCTCTTAAGCGCCAGGTTTCAGAGCATGAAGCAGA
 CCAACAGCAGCCTCCGCCAAGCACTGGAGGGTGGCATCGACCCTCTCCGCCCCCTGAGGCCAATACCAA
 GTTCAACTCCCGCTGGACCACAGATGAGCAGCTTCTGGCTGTACAAGCGATTCTGTAGATATGGCAAAGAC
 TTTGGGGCTATTGCAGAGGTGATTGGGAACAAGACTCTGACCCAAGTGAAGACCTTCTTTGTGAGCTACC
 GTCGCCGCTTCAACCTGGAAGAGGTGTTGCAGGAATGGGAGGCTGAGCAGGATGGGGCCCCACAGCTCC
 AGTCCCTGTGGAAGAGGCCAGGCGAGGGGCTCCTGTACCAGCCACAGCCCTGGAAGAAGATGACGAGGTC
 CAGATTACATCTGTCTCAACATCAGTACCCGATCAGTACCCCTGCTCCGCCCCACCTCCACCACCCA
 CCTCGCTTTCCAGCCTCCTCACTGCTGAGGCCACCTCTGCCACAGCTCCACACTGCTCCGCCAGCC
 ACCTCCCTGCAGCAGGGCCGCTTCTGCAGCCCCGGCTGGCCCCAACCAGCCTCCACCACCTCTCATC
 CGCCCTGCCCTGGCTGCTCTCGCCACAGTGCCCGCCTGGTCTCAGCCCCACCTACCCTGGTTGGAG
 CCCAATTGGAGCCCCCTGCACCCTCACTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013994

Insert Size: 1572 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:	<u>NM_001013994.1, NP_001014016.1</u>
RefSeq Size:	2532 bp
RefSeq ORF:	1572 bp
Locus ID:	305811
UniProt ID:	<u>Q5FWT8</u>
Cytogenetics:	1q43
Gene Summary:	May act as a component of a corepressor complex that represses transcription. [UniProtKB/Swiss-Prot Function]