

Product datasheet for **MR208369**

Rcor2 (NM_054048) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcor2 (NM_054048) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rcor2
Synonyms:	1A13; AW122124; CoREST; Rcor; Rcor1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR208369 representing NM_054048
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCTCAGTAATGGAGAAGCCAGTCGGGGCTCCGGATCTTGTCCTCGAAGTCGGGCCAAGACGGCAC
 CCAACGCGGACAGCCCACTCGGAGGATGACAGCAGCAGGAGGAGCACTCTCATGACAGCATGATCCG
 AGTTGGAACCAATTACCAAGCAGTAATTCGGAGTGCAAGCCTGAGAGCCTGCACGCTATAGCAACAAG
 GAGCTGAAGGGAATGCTGGTGTGGTCCCCCACTGTGTATCAGATGCCAACTTGACAAGTACATTG
 CAATGGCCAAGGAGAAGCATGGCTATAACATTGAGCAGGCACTCGGCATGCTTCTGTGGCATAAACACGA
 TGTGGAGAAATCACTGGCTGACCTAGCCAACCTCACTCCCTCCCTGATGAGTGGACGGTGGAGGACAAG
 GTGCTGTTTGAACAGGCCTTTGGGTTCCATGGCAAGTCTTCCAGCGGATCCAGCAGATGCTCCCTGACA
 AGGTGATTCACGCTGGTGAAGTATTACTACTCTTGGAAGAAGACCCGAAGTCGAACTAGTGTGATGGA
 CAGGCAGGCCAGCGGCTGGGTGGCCGCAAGACAAGAAGACAGTGATGAAGTGAAGAGGACGAGGA
 GCTGTGAGTGAGGGGGAACCGGATACTGGAGACCCCAAGCAGAGCCTCTGCCATCCAGACCTCTGAATG
 CACGGCCTGGTCTGGGAAGAAGGAGGTTCAAGATATCTAGTATCGCCACCACTTCCAACTCGGAG
 ACGTCCGCCCAAGGGCATGTACCTGAGTCTGAAGGCCTCACTGCAGTATCGGGAAGCCAGACCTCGCT
 AACCTCACTCCGAGGTCTTGAAGTCACTGACAGTCTATCTCTTAAGCGCCAGGTCCAGAGCATGAAGCAGA
 CCAATAGCAGCCTCCGCCAAGCACTGGAGGGCGGCATTGACCTCTCCGCCCCCTGAGGCTAATACCAA
 GTTCAACTCCGCTGGACCACTGATGAGCACTTCTAGCTGTTCAAGCTATTCGTAGATACGGCAAGAC
 TTTGGGCTATTGAGAGGTGATTGGGAACAAGACTCTGACCAAGTGAAGACCTTCTTTGTGAGCTATC
 GTCGCCGCTTCAACCTGGAAGAGGTGCTGCAGGAATGGAGGCTGAGCAGGATGGGGCCCCGCAGCTCC
 GGTCCCCACGGAAGAGGCCAGGCGAGGGGCTCCTGTACCAGCCACAGCCCTAGAAGAAGATGATGAGGTC
 CAGATTACATCTGTCTAACATCAGTACCCGATCAGTACCCCTGCACCGCCCCACCTCCACCGCCCA
 CCTCGCTTTCCAGCCACCCCGCTGCTGAGGCCACCTCTGCCACAGCTCCACATTGCTCCGCCAGCC
 GCCTCCCTGCAGCAGGGCCGCTTCTGCAGCCTCGGCTGGCCCCCAACAGCCTCCACACCGCTCATC
 CGCCCTGCCCTGGCTGCCTCTGCCACAGTGCCCGCCTGGTCTCAGCCTCCACCTACCCTGGTTGGAG
 CTCCTTTGGAGCCCCCTGCACCTCACTT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208369 representing NM_054048
 Red=Cloning site Green=Tags(s)

MPSVMEKPSAGSGILSRRAKTAPNGGQPHSEDDSSSEEHSHDSMIRVGTNYQAVIPECKPESPARYSNK
 ELKGMVLWSPNHCVSDAKLDKYIAMAKEKHGYNIEQALGMLLWHKHDVEKSLADLANFTFPDEWTVEDK
 VLFEQAFGFHGKCFQRIQQMLPDKVIPSLVKYYSWKKTRSRTSVMDRQARRLGGRDKEDSDELEEGRG
 AVSEGEPTDGPDKREPLSRPLNARPGPGKKEVQISQYRHHPLRTRRRPPKGMYSPEGLTAVSGSPDLA
 NLTLRGLDSQLISLKRQVQSMKQTNSSLRQALEGGIDPLRPPEANTKFNSRWTTDEQLLAVQAIRRYGKD
 FGAI AEVIGNKTLTQVKTFVSYRRRFNLEEVLEWEAEQDGAPAAPVPTEEARRGAPVPATALEEDDEV
 QITSVSTSVPRSVPPAPPPPPPTSLSQPPLLRPPLPTAPTLLRQPPPLQQGRFLQPR LAPNQPPLPLI
 RPALAASRHSARPGPQPPPTLVGAPLEPPAPSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_054048

ORF Size: 1569 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_054048.4](#), [NP_473389.2](#)

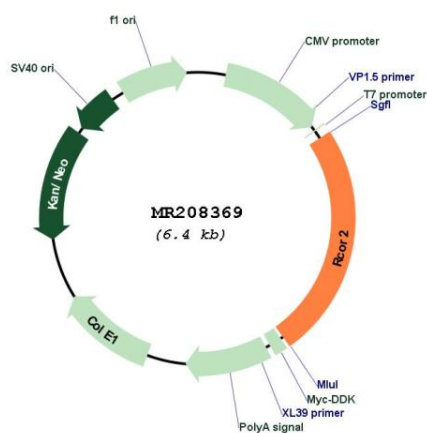
RefSeq Size: 2035 bp

RefSeq ORF: 1572 bp

Locus ID: 104383

UniProt ID: [Q8C796](#)
Cytogenetics: 19 A
MW: 53.8 kDa
Gene Summary: May act as a component of a corepressor complex that represses transcription.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208369