

Product datasheet for **MR206186**

Rcor3 (NM_144814) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcor3 (NM_144814) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rcor3
Synonyms:	4921514E24Rik; C730034D20Rik; E130101E15Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR206186 representing NM_144814
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCCGCATGATGGAGAAAGGGCCCGAGTTACTGGGAAGAGCCGATCGGCCAACGGCGGCCAAGA
 GCCCGCGGGAGGCGCGGCTCCTCGGCCAACGGCGGGCTGCACTTCTCGAGCCCGAGAGCGGCTGCAG
 CAGCGACGACGAGCAGCGGGATGTTGGGATGAGAGTCGGAGCTGAATACCAAGCTCGGATCCCTGAATTC
 GATCCAGGTGCTACCAAGTACACAGATAAAGACAATGGAGGCATGCTTGTGTGGTCTCCTTATCACAGTA
 TCCAGATGCCAAATGGATGAATATATCGCCATTGCAAAGAGAAACATGGCTACAATGTTGAACAGGC
 GCTTGGCATGTTGTTCTGGCATAAACACAACATTGAGAAGTCCCTTGGGACCTCCCTAACTTCACGCC
 TTTCCGGATGAGTGGACAGTGAAGACAAAGTCTGTTTGAACAAGCCTTTAGTTTTCATGGGAAGAGCT
 TTCACAGGATTCAGCAAATGCTCCAGATAAGACAATTGCAAGTCTTGTAAAGTATTACTATTCTTGAA
 AAAAAGTCTGCTCAAGGACAAGTTTGGATGGATCGCCAGGCTCGTAACTAGCCAATAGACACAATCAGGGT
 GACAGTGTGATGACGTAGAAGAAGCTACCCCATGGATGGAAACGACAGTACTACGACCCAAAGAAAG
 AAGCCAAAGAGAGGGTAACGCTGACCAGCCGGTCCAAACCAGCAAGATCGGCCTGGGCCGGAGAGAGTA
 CCAGAGTCTGCAGCACCGCCACCACTCTCAGCGCTCCAAGTGGCCCTCCTAAGGGCATGTATCTAACC
 CAGGAGGACGTGGTGGCTGTCTCCTGCAGCCCCAACGCAGCCAACACCATCCTGAGGCAACTGGACATGG
 AGCTGATCTCTCAAGCGCCAGGTTGAGAATGCTAAGCAAGTAAACAGTGCCTTAAGCAGAAAATGGA
 AGGTGGAATTGAAGATTCAAACCGCTGAGGCACAGACCCACAGGCTCCTCGGACTCTGGGTCCATCA
 CCTCCTGCCCATCATCCACTCCAACACCAACAGTCCCATTGCCACTTGAACCAGCCTCCACCCTTC
 TTCGTCCAACACTGCCTGCCGCCCTGCTCTTACCAGACAACCTCCTCCACTCCAGCAGCAGGCTCGGTT
 CATCCAGCCCGGCCAACTCTCAATCAGCCTCCTCCACCTCTCATTTCGCCCTGCTAACTCCATGCCACCC
 CGCCTAAACCCAAGACAGTGTGACCACGTTGGCGGTGAGCAGCCACCTTCACTCATTGGGATTCAGA
 CAGATTACAGCCTTCACTGCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206186 representing NM_144814
 Red=Cloning site Green=Tags(s)

MPGMMEKGPPELLGKSRSANGGAKSPAGGGSSANGGLHFSEPESGCSSDDEHGDVGMRVGAIEYQARIPEF
 DPGATKYTDKNGGMLVWSPYHSIPDAKLDEYIAIAKEKHGYNVEQALGMLFHHKHNIEKSLADLPNFTP
 FPDEWTVEDKVLFEQAFSFHGKSFHRIQQMLPKTIASLVKYYYSWKKTRSRTSLMDRQARKLANRHNQG
 DSDDDVEEAHPMDGNDSDYDPKKEAKREGNADQPVTQSKIGLRREYQSLQHRHHSQRSKCRPPKMYLT
 QEDVVAVSCSPNAANTILRQLDMELISLKRQVQNAKQVNSALKQKMEGGIEEFKPPEAQTQPAPRTLGPS
 PPAPSSTPTPTVPIATLNQPPPLLRPTLPAAPALHRQPPPLQQQARFIQPRPTLNQPPPLIRPANSMP
 RLNRPVLTTVGGQQPPSLIGIQTDSQPSLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

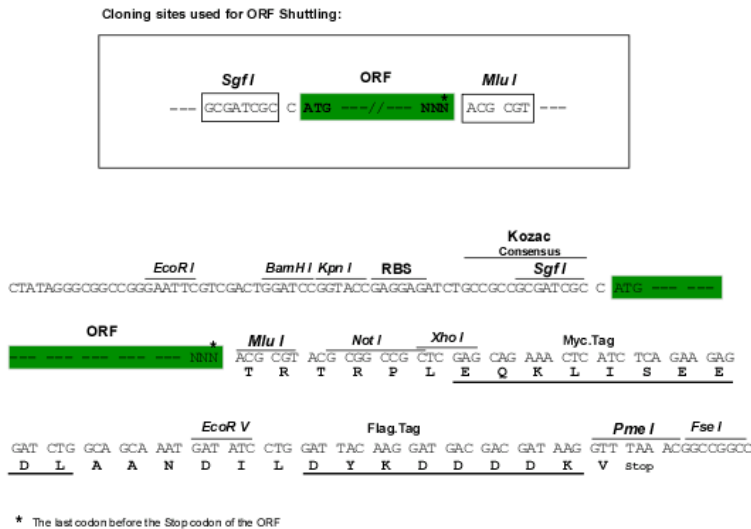
Chromatograms:

https://cdn.origene.com/chromatograms/mm9039_b04.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_144814

ORF Size: 1353 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.

RefSeq: [NM_144814.3](#), [NP_659063.3](#)

RefSeq Size: 3774 bp

RefSeq ORF: 1356 bp

Locus ID: 214742

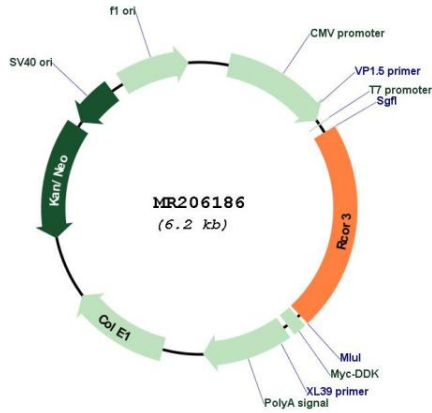
UniProt ID: [Q6PGA0](#)

Cytogenetics: 1 H6

MW: 44.9 kDa

Gene Summary: May act as a component of a corepressor complex that represses transcription. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206186