

Product datasheet for **RR202927**

Rcor3 (NM_001134985) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcor3 (NM_001134985) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rcor3
Synonyms:	MGC189413
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR202927 representing NM_001134985
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCCGCATGATGGAGAAAGGGCCCGAGTTACTGGGAAGAGCCGATCGGCCAACGGCGGCCAAGA
 GCCCGGGCGGGCGCGCGCTCCTCGGCCAACGGCGGGCTGCACTTCTCGGAGCCCGAGAGCGGCTGCAG
 CAGCGACGACGAGCAGCGGGATGTTGGGATGAGAGTCGGAGCTGAATACCAAGCTCGGATCCCTGAATTC
 GATCCAGGTGCTACCAAGTACACAGATAAAGACAATGGAGGCATGCTTGTGTGGTCTCCTTATCACAGTA
 TCCAGATGCCAAATGGATGAGTATGTCGCCATTGCAAAGGAGAAAACGGCTACAATGTTGAACAGGC
 ACTTGGCATGTTGTTCTGGCACAAGCACAACTTGAGAAGTCCCTTGGGACCTCCCTAATTTACGCCCC
 TTTCCGGATGAGTGGACAGTGAAGACAAGTCTGTTTGAACAAGCCTTTAGTTTCCATGGGAAGAGCT
 TCCACAGGATCCAGCAAATGCTTCCAGATAAGACAATTGCAAGTCTTGTAAAGTATTACTATTCTTGAA
 AAAAAGTCCGCTCAAGGACAAGTTTGGATGGACCGCAGGCTCGTAACTAGCCAACAGACACAATCAAGT
 GACAGTATGATGATGTGAAGAACCTCACCCATGGATGGGAACGACAGCGACTATGACCCAAAGAAA
 AAGCCAAGAGAGAGGGTAACTCTGAACAGCCAGTCCAAACGAGCAAGATAGGCTGGGGAGGAGAGAGTA
 CCAGAGTCTGCAACACCGTCATCACTCGCAGCGCTCCAAGTGGCGCCCTCCTAAGGGCATGTATCTAACC
 CAGGAGGATGTGGTGGCTGTTTCTGCAGTCCCAACGACGCAACACCATCTGAGGCAACTGGACATGG
 AGCTGATCTCTCAAGCGCCAGGTTGAGAATGCTAAGCAAGTAAACAGTGCCTTAAGCAGAAAATGGA
 AGGTGGAATTGAAGATTCAAACCGCTGAGTCAAATCAGAAAATTAATGCCCGTTGACCACAGAGGAG
 CAGCTTAGCAGTGAAGGTGTCGCAAAATGGTAAAGATTTCAAGCTATTGCAGATGTAATTGGCA
 ACAAGACTGTTGGCCAAGTGAAGAACTCTTTGTAACACTACAGGCGTCGGTTAACTTAGAGGAGTATT
 GCAGGAGTGGGAAGCAGAAACAAGGAACCCAGGCTTCTAATGCTGATACTTCTGCTTTAGGGGAGGAGACA
 AAAAGTGTCTTCTAATGTGCCGTGAGGAAAGAGCACTGACGAAGAAGAGGAGGACAGACCCACAGGTTT
 CTCGGACTCTGGGTCCATCACCTCTGCCCCATCATCACTCCAACACCAACAGCCCCATTGCCACTCT
 GAACCAGCGCCACCACTTCTTCTGTCACACTGCCTGCCGCCCTGCTTTCACCGGCAACCTCCTCCT
 CTCCAGCAGCAGGCTCGGTTTATCCAGCCCCGGCCAACTCCCAATCAGCCTCCACCACCTCTCATCGCC
 CTGCTAACTCCATGCCACCCCGCTAAACCCGAGGCCAGTGTGACCACGGTGGTGGTGCAGCAGCCACC
 TTCACTATTGGGATTGACAGAGTACAGCCTTCACTGCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR202927 representing NM_001134985
 Red=Cloning site Green=Tags(s)

MPGMMEKGPELLGKSRSANGGAKSPAGGGSSANGGLHFSEPESGCSSDDEHGDVGMRVGAEYQARIPEF
 DPGATKYTDKDNMGMLVWSPYHSHIPDAKLDEYVAIAKEKHGYNVEQALGMLFHHKHNIKSLADLPNFTF
 FPDEWTVEDKVLFEQAFSFHGKSFHRIQQMLPDKTIAASLVKYYYSWKKTRSRTSLMDRQARKLANRHNQG
 DSDDDVEEPHPMDGNSDYDPKKEAKREGNSEQPVQTSKIGLGRREYQSLQHRHHSQRSKRPPKMYLT
 QEDVVAVSCSPNAANTILRQLDMELISLKRQVQNAKQVNSALKQKMEGGIEEFKPPESNQKINARWTTEE
 QLLAVQGVRYKGFQAIADVIGNKTVGQVKNFFVNYRRRFNLEEVLQEWAEQGTQASNADTSALGEET
 KSASNVPSGKSTDEEEEAQTPQVPRTLGPSPPAPSSTPTPTAPIATLNQPPPLLRPTLPAAPALHRQPPP
 LQQQARFIQPRPTPNQPPPLIRPANSMPRLNPRPVLTTVGGQQPPSLIGIQTESQPSLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

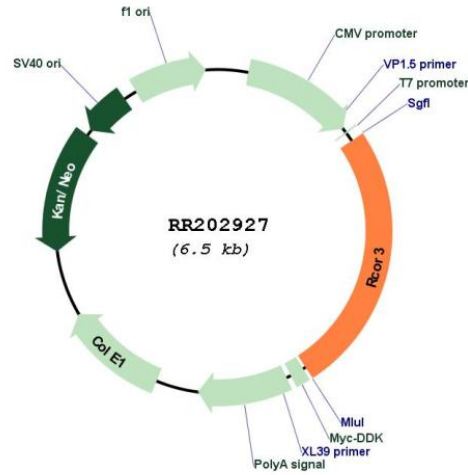
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_001134985
ORF Size:	1653 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:	<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:	NM_001134985.1 , NP_001128457.1
RefSeq Size:	1869 bp
RefSeq ORF:	1656 bp
Locus ID:	684192
Cytogenetics:	13q27
MW:	61 kDa