

Product datasheet for MR229431

Rcor3 (NM_001290279) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rcor3 (NM_001290279) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rcor3
 Synonyms: 4921514E24Rik; C730034D20Rik; E130101E15Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR229431 representing NM_001290279
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCCGCATGATGGAGAAAGGGCCCGAGTTACTGGGAAGAGCCGATCGGCCAACGGCGGCCAAGA
 GCCCGGGGGAGGCGGGCTCCTCGGCCAACGGCGGGCTGCACTTCTCGGAGCCGAGAGCGGCTGCAG
 CAGCGACGACGACGACGGGATGTTGGGATGAGAGTCGGAGCTGAATACCAAGCTCGGATCCCTGAATTC
 GATCCAGGTGCTACCAAGTACACAGATAAAGACAATGGAGGCATGCTTGTGTGGTCTCCTATCACAGTA
 TCCAGATGCCAAATTGGATGAATATATCGCCATTGCAAAAGAGAAACATGGCTACAATGTTGAACAGGC
 GCTTGGCATGTTGTTCTGGCATAAACACAACATTGAGAAGTCCCTTGGCGACCTCCCTAAGTTCACGCCC
 TTTCCGGATGAGTGGACAGTGGAAAGACAAGTCCCTGTTTGAACAAGCCTTTAGTTTTCATGGGAAGAGCT
 TTCACAGGATTCAGCAATGCTTCCAGATAAGACAATTGCAAGTCTTGTAAAGTATTACTATTCTTGAA
 AAAAAGTTCGCTCAAGGACAAGTTTGGATGGATCGCCAGGCTCGTAACTAGCCAATAGACACAATCAGGGT
 GACAGTGTATGACGTAGAAGAAGCTCACCCATGGATGGAAACGACAGTGACTACGCCAAAAGAAAG
 AAGCCAAAAGAGAGGGTAACGCTGACCAGCCGGTCCAACCAGCAAGATCGGCCTGGGCGGAGAGAGTA
 CCAGAGTCTGCAGCACCACCACCTCTCAGCGCTCCAAGTGGCCCTCCTAAGGGCATGTATCTAACC
 CAGGAGGACGTGGTGGCTGTCTCCTGCAGCCCCAACGCAGCCAACACCATCCTGAGGCAACTGGACATGG
 AGCTGATCTCTCAAGCGCCAGGTTGAGAATGCTAAGCAAGTAAACAGTGCCTTAAGCAGAAAATGGA
 AGGTGGAATTGAAGAGTTCAAACCGCTGAGGTGTCCGCAATATGGTAAAGATTTTCAAGCTATTGCAG
 ATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229431 representing NM_001290279
 Red=Cloning site Green=Tags(s)

MPGMMEKGPPELLGKSRSANGGAKSPAGGGSSANGGLHFSEPESGCSSDDEHGDVGMRVGAEYQARIPEF
 DPGATKYTDKDNNGMLVWSPYHISIPDAKLDEYIAIAKEKHGYNVEQALGMLFWHKHNIKSLADLPNFTF
 FPDEWTVEDKVLFEQAFSFHGKSFHRIQQMLPKDTIASLVKYYYSWKKTRSRTSLMDRQARKLANRHNQG
 DSDDDVEEAHPMDGNDSDYDPKKEAKREGNADQVPVQTSKIGLGRREYQSLQHRHHSQRSKCRPPKGYMLT
 QEDVVAVSCSPNAANTILRQLDMELISLKRQVQNAKQVNSALKQKMEGGIEEFKPPPEVSANMVKIFKLLQ
 M

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

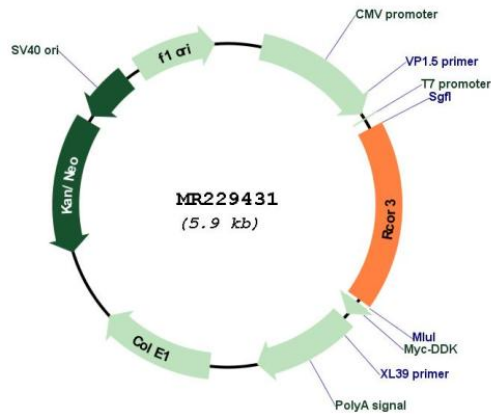
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001290279

ORF Size:	1053 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_001290279.1 , NP_001277208.1
RefSeq Size:	1637 bp
RefSeq ORF:	1056 bp
Locus ID:	214742
Cytogenetics:	1 H6
MW:	39.8 kDa
Gene Summary:	May act as a component of a corepressor complex that represses transcription. [UniProtKB/Swiss-Prot Function]