

Product datasheet for **SC127629**

RCOR3 (NM_018254) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RCOR3 (NM_018254) Human Untagged Clone
Tag:	Tag Free
Symbol:	RCOR3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127629 sequence for NM_018254 edited (data generated by NextGen Sequencing)

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ATGAGAGTCGGAGCCGAATACCAAGCTCGGATCCCTGAATTTGATCCAGGTGCTACAAAG
TACACAGATAAAGACAATGGAGGGATGCTTGTATGGTCTCCATATCACAGTATCCAGAT
GCCAAATTGGATGAATACATTGCAATTGCAAAGGAAAAGCATGGCTACAATGTGGAACAG
GCACATGGCATGTTGTTCTGGCATAAACATAACATTGAGAAGTCCCTTGTGATCTCCCT
AATTTCACTCCCTTTCCGGATGAGTGGACAGTGGAAAGATAAAGTCTATTTGAACAAGCC
TTTAGTTTTCATGAAAAGAGCTTTACAGGATTCAGCAAATGCTTCCAGATAAGACAATT
GCAAGCCTTGTAATAATTAATACTTCTTGAAAAAACTCGCTCTAGGACAAGTTTGATG
GATCGCCAGGCTCGTAACTAGCTAATAGACATAATCAGGGTGACAGTGTATGATGTA
GAAGAAACACATCCAATGGATGGGAATGATAGTGATTATGATCCAAAAAAGAAGCCAAA
AAAGAGGGTAATACTGAACAACCTGTCCAACTAGCAAGATTGGACTTGGAAGAAGAGAG
TATCAGAGTTTACAACATCGCCATCATTCTCAGCGTTCTAAGTGCCGTCCACCTAAGGGC
ATGTATTTAACCCAGGAAGATGTGGTAGCAGTTTCTGTAGTCCCAATGCAGCCAACACC
ATCCTGAGGCAACTGGACATGGAGTTGATCTCTCTAAAACGTGAGTTCCAGAATGCTAAG
CAAGTAAACAGTGCACCTTAAACAGAAAAATGGAAGGTGGAATTGAAGAATTCAAACCTCCT
GAGTCAAATCAGAAAATTAATGCCCCTTGACCACAGAGGAGCAGCTTCTAGCAGTGCAA
GGTGTCCGCAATATGGTAAAGATTTTCAAGCTATTGAGATGTAATTGGCAACAAGACT
GTTGGCCAAGTGAAGAAGTCTTTGTAACCTACAGGCGTCGGTTTAACTTAGAGGAGGTA
TTGCAGGAGTGGGAAGCAGAACAAGGAACCCAGGCTTCTAATGGTGTATGCTTCTACTTTA
GGGGAGGAGACAAAAAGTGTCTAATGTGCCATCAGGGAAGAGCACTGATGAAGAAGAG
GAGGCACAGACCCACAGGCTCCTCGGACACTGGGTCCATCACCTCCTGCCCCATCATCC
ACTCCAACACCAACAGCCCTATTGCCACTCTGAACCAGCCTCCACCATTCTTCGTCCA
ACACTGCCTGCTGCCCGGCTCTTCAACCGCAGCCTCCTCCACTCCAGCAGCAGGCTCGG
TTCATCCAGCCCCGCAACTTTAAATCAGCCTCCACCACCTTATTTCGCCCTGCTAAT
TCCATGCCACCCCGTCTAAACCCAAGACCGGTGTTGTCCACGGTGGTGGTCAACAGCCA
CCATCACTTATTGGAATTCAGACAGATTCACAGTCCTCACTGCACTAA
    
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Clone variation with respect to NM_018254.3

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_018254 unedited
TTACATACGAACTCACTATAGGGNNCGGCCGCTACACTCGGCACGAGGCCGGAGTGCC
CGAGTTGATATCTTCCCATCCACCCGCGCTTCTTTCCTCCATCTAGCGATTTTTATTTT
TTAAGTGTCTCTTCTTTTTCTTCTTTTCTTCTTTTTATTTTTATATATATTTTTTG
GCATTGCTTTGCAGATGTTGGGATGAGAGTCGGAGCCGAATACCAAGCTCGGATCCCTGA
ATTTGATCCAGGTGCTACAAAGTACACAGATAAAGACAATGGAGGGATGCTTGTATGGTC
TCCATATCACAGTATCCAGATGCCAAATTGGATGAATACATTGCAATTGCAAAGGAAAA
GCATGGCTACAATGTGGAACAGGCACTTGGCAATGTTGTTCTGGCATAAACATAACATGG
AGAAGTCCCTTGCTGATCTCCCTAATTTCACTCCCTTTCCGGATGAGTGGACAGTGGAGA
ATAAAGTCCATTTGAACAGCCTTTTAGTTTTTTCATGAAAAGAGCTTTACAGGATTCAGC
AAATGCTTCCAGATAAGACAATTGCAAGCCTTGTAAAATATTACTTATTCTTTGGAAAAA
AACTCGCTCTGGGACNAGTTTGGAGGGATCGCCAGGCTCGTANACTAGCTAATAGACTA
ATCCAGGGGGACAGTGAGAAATTAGTTTAAAAAAAACACATCATGGAGGGGAAGGGAGG
GGGTTTTTTTACCCAAAAAAGAAGCAAAAAGGAGGGGTATACTGACCAACCTGTCCAAC
TNCCAGATTGGCTGGGAAGAAAAGTTCTCAAGAGTTTACACATCGCCTCATTTTCAG
GGGTTTAAAGGGCCGCCCTAGGGCGGGGTTTTACCGAAAAGGGGGGGGGNNTTTTTC
GGTTTCCAGGGCGCAACATCTGAGACGGGGGGGGGGGGGCTTTAAACGGGGGGGA
AAAG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018254 unedited NTTAGCTTTGGACCCGCGCCGCAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTAGTTT TATAAGATGTATCCACAGTGTGGTTTATTTTTAGTTATGTAATTTAAAAAACCACTTTG GTGTAGATTTCTCAAAAATGATAACCCTGAAATTAATGAAAATTGTCATTAAGATTTTC TAGTTTTGCTTTTATAAAAATCATTATTTTCAATTTTACAGTGAAGAGGTAATAATTCC TCATAGAACATGAAATTATATAAAAATAGAAGACATAGACATCTTTAAATCTTTAATCCT TTGATTAAGCAGCAAGCATATCACTCTTCCAGGCCAAACACTGCTTAAACAAAAAAGAAA AATAATGACGTGCAAAAATTTTACAAAATATGCAAAGCACACAATAAAGACATCTCACTA TATACATGTGTCATATTACTAATGAAGCTAACGTTTTTCTACTGTGTGCTCTAATGCATG TAAATCAAATTACAGCACATCCCTCAGATACAGCACCTTGGCCCATGTCTGGGATAGAAA GAGATTTTTTAATGAATCACAATATACTGAACAGCTGGACAGATGCTGGTGTGACCAAC TTGACTGACATATCCACATACTGTGTACCTGAAGGTCTACTGANCAGAGACCAGACAAT AAACGCCTGTAAGGTNATAGTATGCACATACGTAAGNACATCTAAGTGCCTTAAAAAATG TTTTAGATATTTAAGATATTAAGTGTCCCTGTGGCTTTTAAGGAAAAAATAGTATAAAT TCTTGATATTAAGAATTTAATCAGCTAATTCAGGCCAGACTTTTTAAGATGATTCATG AAAAGAAAAGGACTTACCTGNAAGAAGTTCAATATCCCGTCCGTGAGGGTTTTTTGAAA CCCCNGCTAAATTAATAAACATTCTTGATTTAAATCTTGCCTTTAGCGGGGAGCCC AATAGGAAACTGGGAACCGGACTTTAAACAAATAG
Restriction Sites:	NotI-NotI
ACCN:	NM_018254
Insert Size:	3630 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:	<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:	<u>NM_018254.2</u> , <u>NP_060724.1</u>
RefSeq Size:	4083 bp
RefSeq ORF:	1488 bp
Locus ID:	55758
UniProt ID:	<u>Q9P2K3</u>
Cytogenetics:	1q32.2-q32.3
Domains:	ELM2, myb_DNA-binding

Protein Families: Transcription Factors

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

Transcript Variant: This variant (4) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (d) has a shorter N-terminus compared to isoform a.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.