

## Product datasheet for **RG226674**

### **RCOR3 (NM\_001136223) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RCOR3 (NM_001136223) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RCOR3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG226674 representing NM\_001136223  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCCCGCATGATGGAGAAAGGGCCGAGTTACTGGGAAGAACCAGATCGGCCAACGGCAGCGCCAAGA  
 GCCCGGACAGGCGCGCGCGCAGCGGCCCTCGTCCACCAACGGCGGGCTGCACTACTCAGAGCCGAGAG  
 CGGCTGCAGCAGCGACGACGACGACGATGTTGGGATGAGAGTCCGAGCCGAATACCAAGCTCGGATCCCT  
 GAATTTGATCCAGGTGCTACAAAGTACACAGATAAAGACAATGGAGGGATGCTTGTATGGTCTCCATATC  
 ACAGTATCCAGATGCCAAATTGGATGAATACATTGCAATTGCAAAGGAAAAGCATGGCTACAATGTGGA  
 ACAGGCACCTTGGCATGTTGTTCTGGCATAAACATAACATTGAGAAGTCCCTTGTGATCTCCCTAATTTT  
 ACTCCCTTTCCGGATGAGTGGACAGTGGAAAGATAAAGTCTATTTGAACAAGCCTTTAGTTTTTCATGGAA  
 AGAGCTTTCACAGGATTCAGCAAATGCTTCCAGATAAGACAATTGCAAGCCTTGTAAAATATTACTATTC  
 TTGGAAAAAACTCGCTCTAGGACAAGTTTGATGGATCGCCAGGCTCGTAACTAGCTAATAGACATAAT  
 CAGGGTGACAGTATGATGATGTAGAAGAAACACATCCAATGGATGGGAATGATAGTGATTATGATCCCA  
 AAAAAAGAAGCCAAAAAGAGGGTAATACTGAACAACTGTCCAACTAGCAAGATTGGACTTGGAAAGAAG  
 AGAGTATCAGAGTTTACAACATCGCCATCATTCTCAGCGTTCTAAGTGCCGTCCACCTAAGGGCATGTAT  
 TTAACCCAGGAAGATGTGGTAGCAGTTTCTGTAGTCCCAATGCAGCCAACACCATCCTGAGGCAACTGG  
 ACATGGAGTTGATCTCTCTAAAACGTGAGTTTCTGAGTCCAGAAATGCAAGTAAACAGTGCACCTAAACAGAA  
 AATGGAAGGTGGAATTGAAGAATTCAAACCTCTGAGTCAAATCAGAAAAATTAATGCCCGTTGGACCACA  
 GAGGAGCAGCTTCTAGCAGTGAAGGTGTCGCAAAATGTTAAAGATTTTCAAGCTATTGCAGATGTAA  
 TTGGCAACAAGACTGTTGGCCAAGTGAAGAATCTTTGTAACACTACAGGCGTCGGTTTAACTTAGAGGA  
 GGTATTGCAGGAGTGGGAAGCAGAACAAGGAACCCAGGCTTCTAATGGTATGCTTCTACTTTAGGGGAG  
 GAGACAAAAAGTCTTCTAATGTCCATCAGGGAAGAGCACTGATGAAGAAGAGGAGGCACAGACCCAC  
 AGGCTCCTCGGACACTGGGTCCATCACCTCCTGCCCATCATCCACTCCAACACCAACAGCCCTATTGC  
 CACTCTGAACCAGCCTCCACCCTTCTTCTGTCACACTGCCTGCTGCCCGGCTCTTACCAGGAGCCT  
 CCTCCACTCCAGCAGCAGGCTCGGTTTCCAGCCCCGGCAACTTTAAATCAGCCTCCACCACCTCTTA  
 TTCGCCCTGCTAATTCATGCCACCCCTCTAAACCAAGACCGGTGTTGTCCACGGTGGTGGTCAACA  
 GCCACCATCACTATTGGAATTCAGACAGATTCACAGTCTCACTGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG226674 representing NM\_001136223  
 Red=Cloning site Green=Tags(s)

MPGMMEKGPPELLGKNRSANGSAKSPAGGGGSGASSTNGGLHYSEPESEGCSSDDEHDVGMRVGAIEYQARIP  
 EFDPGATKYTDKDNMGMLVWSPYHSIPDAKLDEYIAIAKEKHGYNVEQALGMLFWHKHNIKSLADLPNF  
 TPFDPDEWTVEDKVLFEQAFSFHGKSFHRIQQMLPDKTIAASLVKYYYSWKKTRSRTSLMDRQARKLANRHN  
 QGDSDDVVEETHPMDGNSDYDPKKEAKKEGNTQPVQTSKIGLRREYQSLQHRHHSQRSKCRPPKGM  
 LTQEDVVAVSCSPNAANTILRQLDMELISLKRQVQNAKQVNSALKQKMEGGIEEFKPPESNQKINARWTT  
 EEQLLAVQGVRYGKDFQAIADVIGNKTVGQVKNFFVNYRRRFLNEEVLQEWAEQGTQASNGDASTLGE  
 ETKSASNVPSGKSTDEEEEAQTPQAPRTLGPSPAPSPSTPTPTAPIATLNQPPPLLRPTLPAAPALHRQP  
 PPLQQARFIQPRPTLNQPPPLIRPANSMPRLNRPVLSVGGQQPPSLIGIQTDSQSSLH

TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001136223

**ORF Size:** 1659 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\\_001136223.3](#)

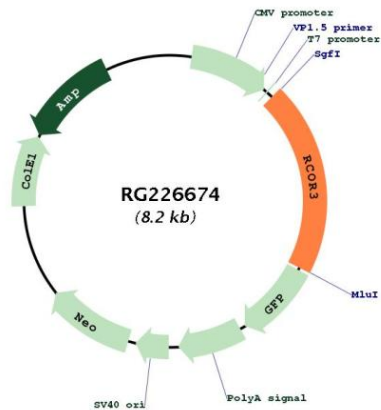
**RefSeq Size:** 4474 bp

**RefSeq ORF:** 1662 bp

**Locus ID:** 55758

**UniProt ID:** [Q9P2K3](#)

Cytogenetics:	1q32.2-q32.3
Protein Families:	Transcription Factors
Gene Summary:	May act as a component of a corepressor complex that represses transcription. [UniProtKB/Swiss-Prot Function]

**Product images:**

Circular map for RG226674