

Product datasheet for RC226775

RCOR3 (NM_001136224) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: RCOR3 (NM_001136224) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: RCOR3
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC226775 representing NM_001136224
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCCCGGCATGATGGAGAAAGGGCCCGAGTTACTGGGAAGAACCGATCGGCCAACGGCAGCGCCAAGA
 GCCCGGCAGGCGCGGCCGAGCGGCCCTCGTCCACCAACGGCGGGCTGCACTACTCAGAGCCCGAGAG
 CGGCTGCAGCAGCGACGACGAGCAGCATGTTGGGATGAGAGTCCGAGCCGAATACCAAGCTCGGATCCCT
 GAATTTGATCCAGGTGCTACAAAGTACACAGATAAAGACAATGGAGGGATGCTTGTATGGTCTCCATATC
 ACAGTATCCCAGATGCCAAATTGGATGAATACATTGCAATTGCAAAGAAAAGCATGGCTACAATGTGGA
 ACAGGCACCTGGCATGTTGTTCTGGCATAAACATAACATTGAGAAGTCCCTTGCTGATCTCCCTAATTTT
 ACTCCCTTTCCGGATGAGTGGACAGTGGAAAGATAAAGTCTATTTGAACAAGCCTTTAGTTTTTCATGGAA
 AGAGCTTTCACAGGATTCAGCAAATGCTTCCAGATAAGACAATTGCAAGCCTTGTAAAATATTACTATTC
 TTGGAAAAAACTCGCTCTAGGACAAGTTTGGATGGATCGCCAGGCTCGTAAACTAGCTAATAGACATAAT
 CAGGGTGACAGTGAT
 AAAAAGAAGCCAAAAAGAGGGTAATACTGAACAACCTGTCCAACTAGCAAGATTGGACTTGAAGAAG
 AGAGTATCAGAGTTTACAACATCGCCATCATTCTCAGCGTTCTAAGTGCCGTCCACCTAAGGCATGTAT
 TTAACCCAGGAAGATGTGGTAGCAGTTTCTGTAGTCCCAATGCAGCCAACACCATCCTGAGGCAACTGG
 ACATGGAGTTGATCTCTCTAAAACGTGAGTTTCAAGTGAAGTAAACAGTGCACCTAAACAGAA
 AATGGAAGGTGGAATTGAAGAATTCAAACCTCCTGAGTCAAATCAGAAAATTAATGCCCGTTGGACCACA
 GAGGAGCAGCTTCTAGCAGTGAAGGCACAGACCCACAGGCTCCTCGGACACTGGGTCCATCACCTCCT
 GCCCATCATCCACTCCAACACCAACAGCCCTATTGCCACTCTGAACCAGCCTCCACCCTTCTTCGTC
 CAACACTGCCTGCTGCCCGGCTTTCACCGGCAGCCTCCTCCACTCCAGCAGGCTCGGTTTCATCCA
 GCCCGGCCAACTTTAAATCAGCCTCCACCACCTCTTATTCGCCCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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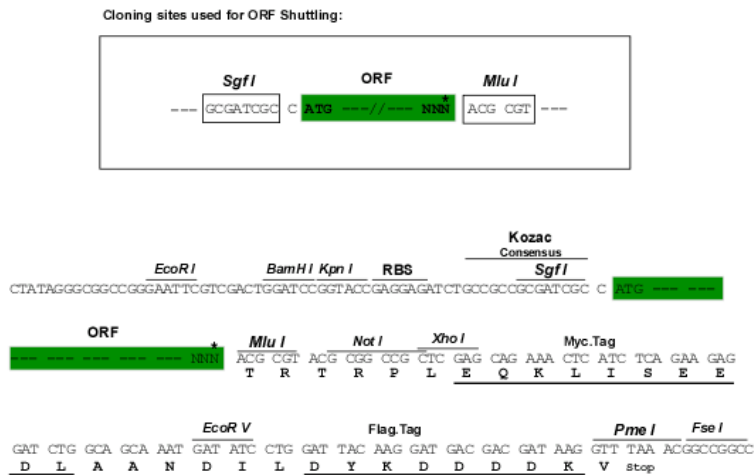
Protein Sequence: >RC226775 representing NM_001136224
Red=Cloning site Green=Tags(s)

MPGMMEKGPELLGKNRSANGSAKSPAGGGGSGASSTNGGLHYSEPESGCSSDDEHDVGMRVGAEQARIP
 EFDPGATKYTDKNGGMLVWSPYHSIPDAKLDEYIAIAKEKHGYNVEQALGMLFWHKHNIKSLADLPNF
 TFPDDEWTVEDKVLFEQAFSFHGKSFHRIQQMLPDKTIASLVKYYYSWKKTRSRSLMDRQARKLANRHN
 QGDSDDDDVEETHPMDGNDSDYDPKKEAKKEGNTEQPVTQSKIIGLRREYQSLQHRHHSQRSKCRPPKGM
 LTQEDVVAVSCLPNAANTILRQLDMELISLKRQVQNAKQVNSALKKQKMEGGIEEFKPPESNQKINARWTT
 EEQLLAVQGTDPDGSSDTGSITSCPIIHSNTNSPYCHSEPASTTSSSNTACCPGSSPAASSTPAAGSVHP
 APANFKSASTTSYSPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001136224

ORF Size: 1308 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_001136224.3](#)

RefSeq Size: 4232 bp

RefSeq ORF: 1311 bp

Locus ID: 55758

UniProt ID: [Q9P2K3](#)

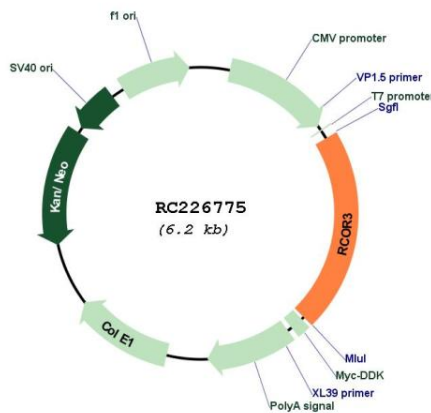
Cytogenetics: 1q32.2-q32.3

Protein Families: Transcription Factors

MW: 47.8 kDa

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

Product images:



Circular map for RC226775