

Product datasheet for **RR201471**

Crif1 (NM_001106074) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crif1 (NM_001106074) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crif1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR201471 representing NM_001106074 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGCCCGCCGGTGGCCGGGCCCGCCGCCAATCCGCGCGGCCGCCCGCGGGCTCTCCTCGCTGTGGTCGCCTCTGTTGCTCTGTGTTCTCGGGTGCCTCAGGGCGGATCGGGAGCCCACACAGCTGTGATCAGTCCCAGGACCCACTTCTCATCGGATCCTCCCTTCATGCTACGTGCTCTATACATGGAGACACCCGGGGCCACTGTAGGGCCTCTACTGGACCCTCAACGGCCCGCCGCTGCCCTCAGAGCTGTCCCGTCTCCCAACCTCCACCCTGGCCTTGCCCTGGCTAACCTTAATGGGTCCAGGCAGCAGTCAGGGCAATCTGGTGTGCACGCCGAGATGGCAGCATTCTGGCTGGTTCTGCTCTATGTTGGTCTGCCCCGGAGAAGCCCTTTAACATCAGCTGCTGGTCCCAGAACATGAAGGACCTGACATGCCGTTGGACACCGGGTGCACATGGGAGACATTCTACACACCACTACTCCCTCAAGTACAAGCTGAGGTGGTATGGTCAGGACAACACATGTGAGGAATATCACACTGTGGCCCTCACTCGTGCCATATCCCCAAGACCTGGCCCTCTCACGCCCTATGAGATCTGGGTGGAAGCCACCAATCGCCTGGTTCAGCGAGATCTGACGTGCTCACACTGGATGTCCTGGACGTGGTGACCACGGACCCTCCACCCGACGTGCACGTGAGCCGCTGGGGCCCTGGAGGACCAGCTGAGTGTGCGCTGGTCTCACCACCAGCTCTCAAGGATTTCTCTTCCAAGCCAAATACCAGATTGCTACCGCGTGAGGACAGCGTGGACTGGAAGTGGTGGATGACGTCAGCAACCAGACCTCCTGCCGCTCGCGGGCTTGAAGCCCGGCACCGTTTACTTCGTCCAAGTTCGTTGTAACCCATTTCGGGATCTATGGGTGCGAAAAGGGCGGAATCTGGAGCGAGTGGAGCCACCCACCGCTGCCTCCACCCCTCGAAGTGAAGCGCCCGGGCCCGGGCGCGGGGTGTGCGAGCCGCGGGCGGCGAGCCTAGCTCGGGCCCGGTGCGGCGCGAGCTCAAGCAGTTCCTCGGCTGGCTCAAGAAGCACGCGTACTGCTCGAACCTTAGCTTCCGCTGTACGACCAGTGGCGTGCTTGATGCAGAAGTACACAAGACCCGAAACCAGGACGAGGGGATCCTGCCCTCGGGCAGACGGGTGCGGGCAGAGGTCTGCCGGC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCGGATTACAAGGATGACGACGATAAGGTTTAA



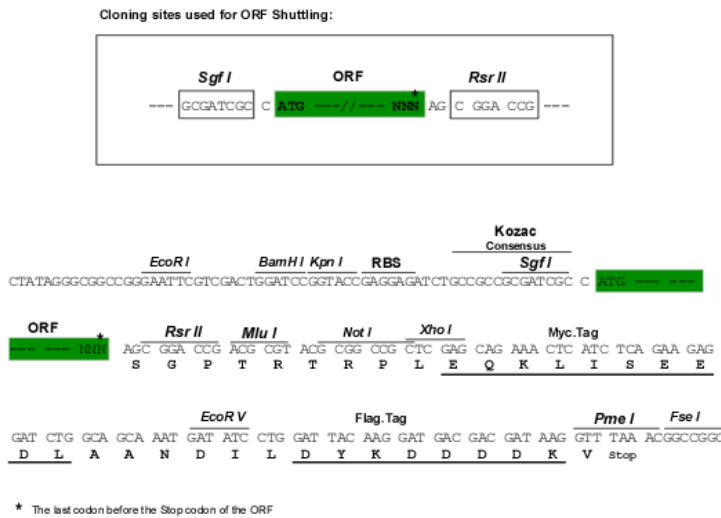
Protein Sequence: >RR201471 representing NM_001106074
 Red=Cloning site Green=Tags(s)

MPAGGPGPAAQSARRPPRRLSSLWSPLLLCVLGPVQGGSGAHTAVISQDPTLLIGSSLHATCSIHGDTP
 GATAEGLYWTLNGRRLPSEL S RLLNTSTLALALANLNGSRQQSGDNLVCHARDGSILAGSCLYVGLPPEK
 PFNISCWSRNMKDLTCRWTPGAHGETFLHTNYSKYKLRWYGGDNTCEEYHTVGPHSCHIPKDLALFTPY
 EIWVEATNRLGSARSDVLTLDVLDVVTDPDPPDVHVS RVGGLEDQLSVRWVSPALKDFLFQAKYQIRYR
 VEDSDVKVVDVSNQTSCLRALGLKPGTVYFVQVRCNPFGIYGSKKAGIWEWSHPTAASTPRSERPGPG
 GGVCEPRGGEPSGPVRRRELKQFLGWLKKHAYCSNLSFRLYDQWRAMQKSHKTRNQDEGILPSGRRGAA
 RGPAG

SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001106074

ORF Size: 1275 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_001106074.1, NP_001099544.1

RefSeq Size: 1668 bp

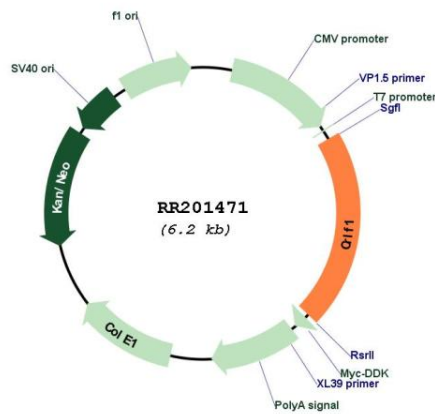
RefSeq ORF: 1278 bp

Locus ID: 290655

Cytogenetics: 16p14

MW: 46.6 kDa

Product images:



Circular map for RR201471