

Product datasheet for **RC217373**

CR1L (NM_175710) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CR1L (NM_175710) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CR1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC217373 representing NM_175710
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCCTCCCGTCGTCGAGCGTCCCTTTCTCCGGCGCTTTCCTGGGTTGCTTCTGGCGGCC
 TGGTGTGCTGCTGCTCCTCTCCGATCAATGCAATGCCCGAATGGCTTCCATTTGCCAGGCCTAC
 CAACCTAACTGATGACTTTGAGTTTCCATTGGGACATATCTGAACTATGAATGCCGCCCTGGTTATTCC
 GGAAGACCGTTTTCTATCATCTGCCTAAAAAACTCAGTCTGGACAAGTGCTAAGGACAAGTGCAAACGTA
 AATCATGTCGTAATCCTCCAGATCCTGTGAATGGCATGGCACATGTGATCAAAGACATCCAGTTCAGATC
 CCAAATTAATATTTCTGTCTAAAGGATACCGACTCATTGGTTCCTCGTCTGCCACATGCATCATCTCA
 GGCAACTGTCATTTGGGATAATAAACACCTGTTTGTGACAGAATTTTGTGGGCTACCCCCACCA
 TCGCCAATGGAGATTTCACTAGCATCAGCAGAGAGTATTTCACTATGGATCAGTGGTGACCTACCACTG
 CAATCTTGAAGCAGAGGGAAAAAGGTGTTTGTGAGCTTGTGGGTGAGCCCTCCATATACTGCACCAGCAA
 GATGATCAAGTGGGCATCTGGAGTGGCCAGCCCTCAGTGCATTATACCTAACAAATGCACGCCTCCAA
 ATGTGGAAAAATGGAATATTGGTATCTGACAACAGAAGCTATTTTCTTAAATGAAGTTGTGGAGTTTGTG
 GTGTCAGCCTGGCTTTGGCATGAAAGGGCCCTCCCATGTGAAGTGCCAGGCCCTGAACAAATGGGAGCCA
 GAGTTACCAAGCTGCTCCAGGATGTGACGCCCTCCAGATGCTCCTGCATGCTGAGCGTACCCAAAGGG
 ACAAGGACAACTTTTACCCGGGCAGGAAGTGTCTACAGCTGTGAGCCCGGCTACGACCTCAGAGGATC
 TACGATTTGCACTGCACACCCAGGGAGACTGGAGCCCTGCAGCCCCAGATGTGAAGTGAATCCTGT
 GATGACTTCTGGGCAACTTCTAATGGCCATGTGCTATTTCCACTTAATCTCCAGCTTGGAGCAAAAG
 TGGATTTTGTGATGAAGGATTTCAATTAAGGCAGCTCTGCTAGTTACTGTGTTTTGGCTGGAAAT
 GGAAAGCCTTTGGAATAGCAGTGTTCAGTGTGTGAACGTAATCATGTGAAACTCCTCCAGTTCAGTG
 AATGGCATGGTGCATGTGATCACAGACATCCATGTTGGATCCAGAATCAACTATTCTGTACTACAGGGC
 ACCGACTCATTGGTCACTCATCTGCTGAATGTATCCTCTCGGGCAATACTGCCATTGGAGCATGAAGCC
 ACCAATTTGTCAACAAATCTTTGTCCAAATCCTCCAGTATCCTTAATGGGAGACACACAGGAATCCC
 CTTGGAGATATCCCTATGGAAGAAGTATCTTACACATGTGACCCCCACCCAGACAGAGGGATGACCT
 TCAACCTCATTGGGAGAGCACCATCCGCCGACAAGTGAACCTCATGGGAATGGGGTTGGAGCAGCCC
 TGCCCCTCGTGTGAACCTCCTGTTGGTCTGGTTCACATGATGCTCTTATAGTTGGTAAGTTTTATGAA
 GTGTTTGTGAGGAATTCTGTCATCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217373 representing NM_175710
 Red=Cloning site Green=Tags(s)

MAPPVRLERPFPSSRRFPGLLLAALVLLLSFSQCNVPEWLPFARPTNLTDDEFPIGTYLNYECPGYS
 GRPFSIIICLKNVWTSKDKCKRKRSCRNPPDPVNGMAHVIKDIQFRSRIKYSCKPKYRLIGSSSATCIIS
 GNTVIWDNKTPVCDRIICGLPPTIANGDFTSISREYFHYGVSVVTYHCNLGSRGKVFELVGEPSIYCTSK
 DDQVGIWSPAPQCIIPNKCTPPNVENGILVSDNRSLFSLNEVVEFRCPGFGMKGPSHVKQALNKWEP
 ELPSCSRVCQPPDVLHAERTQRDKDNFSPGQEVFYSCEPGYDLRGSTYLHCTPQGDWSPAAPRCEVKSC
 DDFLGLPNHVLFPNLQLGAKVDFVDEGFQLKSSASVCVLAGMESLWNSSVPVCERKSCETPPVPV
 NGMVHVIDIIVGSRINYSCTTGHRLIGHSSAECILSGNTAHWSMKPPICQOIFCPNPPAILNGRHTGTP
 LGDIPYKESVSYTCDPHPDRGMTFNLIgestIRRTSEPHGNVWSSPAPRCELPGVAGSHDALIVGKFYE
 VFAEEFCHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

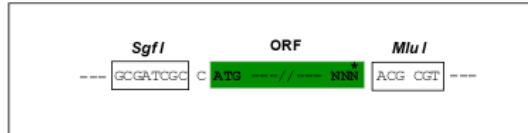
https://cdn.origene.com/chromatograms/mk8015_c11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_175710

ORF Size: 1707 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_175710.2](#)
RefSeq Size: 1837 bp

RefSeq ORF: 1710 bp

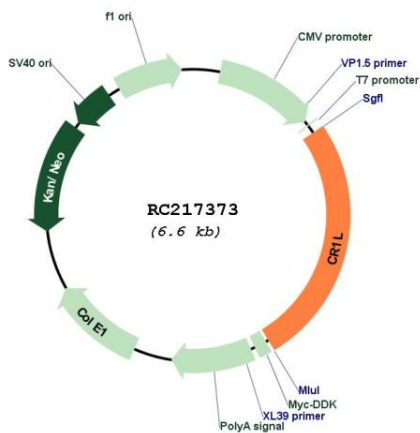
Locus ID: 1379

UniProt ID: [Q2VPA4](#)
Cytogenetics: 1q32.2

Protein Families: Druggable Genome

MW: 62.5 kDa

Product images:



Circular map for RC217373