

Product datasheet for **RN200359**

Cr1l (NM_001005330) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cr1l (NM_001005330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cr1l
Synonyms:	Cr1; Crry
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200359 representing NM_001005330
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCTTCTCGCCTCTGGACCCCGTGGGCGCCTTGTAGCCTTCTGCCGCGGAGGAGTGCATCTGG
 CGTCTGCTGCTGTTCTTGTGCGCATCTACTTTGGGCCAGTGCCAGCCCCACCACTGTTTCCTTATGC
 CAAACCTATAAATCCAACCTGATGAATCCACGTTTCCCCTTGAACATCTTTGAAGTATGAATGTCGTCCA
 GGATATATCAAGAGGCAGTTCTCTATCACCTGCGAAGTAACTCAGTGTGGACAAGTCTCAAGACGTGT
 GTATACGTAACAATGTGAACTCCTTTAGATCCTCAGAATGGCATAGTACATGTAACACAGACATCCG
 GTTTGGATCCTCTACTTATACCTGTAATGAAGGATACCGCCTCATTGGTTCCCTCTGCTATGTGC
 ATAATCTCTGATCAGAGCGTTGCCTGGGATGCCGAGGCACCTATTTGTAATCAATTCCTGTGAGATAC
 CCCAAGCATTCCAATGGAGATTTCTCAGTCTAACAGAGAAGATTTTCATTATGGAATGGTAGTTAC
 CTACCAGTGCAACTGATGCGAGAGGGAAGAAGCTCTTAACTGGTGGGTGAGCCCTCCATACACTGT
 ACCAGCATCGATGGTCAAGTTGGAGTCTGGAGTGGCCCTCCTCCTCAGTGCATTGAACTCAACAAATGTA
 CTCTCCCATGTTGAAAATGCAGTCATAGTGTCTAAAAACAAAAGCTTGTTCCTTAAGGGATATGGT
 GGAGTTTATAGTGTGAGGATGGCTTTATGATGAAAGGAGACAGCAGTGTGTATTGTCGATCCCTAACAGA
 TGGGAGCCTCAGTTACCAAGCTGCTTCAAGGTGAAATCCTGTGGTGTCTTCTGGGTGAGCTTCTAATG
 GGCATGTATTCGTTCCACAAAATCTTCAACTCGGGGCCAAAGTGACCTTTGTTTGAATACAGGGTATCA
 ATAAAAGGCAATTTCTTAGTCATTGTGTTCTTGATGGAGTGGAAAGCATTGGAATAGCAGCGTTCTCT
 GTGTGTGAACAAGTATGTAACCTCCCTCAGGATATGAGTGGATTCCAGAAAGGGTTGCAATGAAAA
 AAGATTACTATGGAGATAATGTAGCCTTGGAAATGTGAGGATGGGTACTCTAGAAGGCAGTTCTCA
 GAGCCAGTGCCAGTCCGATGCCAGCTGGGATCCTCCTCTGCCCAAATGTGTCTCTCAAGTATATGTA
 CTCCCTCAGGATATGAGTGGATTCCAGAAAGGGTTGCAATGAAAAAAGATTATTACTATGGAGATAATG
 TAGCCTTGAATGTGAGGATGGGTATACTCTAGAAGGCAGTTCTCAGAGCCAGTGCCAGTCCGATGCCAG
 CTGGGATCCTCCTCTGCCCAAATGTGTCTCTCAAGTATGTAACCTCCCTCAGGATATGAGTGGATTC
 CAGAAAGGGTTGCAATGAAAAAAGATTATTACTATGGAGATAATGTAGCCTTGAATGTGAGGATGGGT
 ATACTCTAGAAGGCAGTTCTCAGAGCCAGTGCCAGTCCGATGCCAGTGGGATCCTCCTCTGCCCAAATG
 TGTCTCTCGTCAAACAGTGGTCTAATAGCTGGAATTTTCATTGGGATAATCGTCCTATTTTATTCATC
 ATTTTTCTACTGGATGATTATGAAGTTAAAAACGCAATTCACCAATGAAAAGTGTAAAGAAGTGG
 GTATCTATTTAAATTCTAAAGAAGACAGCTGTGTTAGCCTCAGTCTCTGCTCACAAGTCAGGAGAACAA
 CAGTACCAGTAGCCAGCACGGAATTCACTCACTCAAGAAGCT**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1583_e03.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001005330

Insert Size: 1866 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:

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_001005330.1](#), [NP_001005330.1](#)

RefSeq Size: 2280 bp

RefSeq ORF: 1866 bp

Locus ID: 54243

UniProt ID: [Q63135](#)

Cytogenetics: 13q27

Gene Summary: This gene encodes a membrane-bound inhibitor of complement activation, which contains several tandemly arranged short consensus repeats (SCRs) of approximately 60 amino acids. The encoded protein may play a role in tumor immune surveillance, which is unrelated to complement inhibition. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longest transcript and contains three identical exons in the coding region. It encodes the longest isoform (1).