

## Product datasheet for **RN200361**

### **Cr1l (NM\_019301) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cr1l (NM_019301) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cr1l
Synonyms:	Cr1; Crry
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200361 representing NM\_019301  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGCTTCTCGCCTCTGGACCCCGTGGGGCGCCTTGTAGCCTTCTGCCCGGAGGAGTGCATCTGG  
 CGTCCTGCTGCTGTTCTTGTGCGCATCTACTTTGGGCCAGTGCCAGCCCCACCACTGTTTCCTTATGC  
 CAAACCTATAAATCCAACCTGATGAATCCACGTTTCCCCTTGAACATCTTTGAAGTATGAATGTCGTCCA  
 GGATATATCAAGAGGCAGTTCTCTATCACCTGCGAAGTAACTCAGTGTGGACAAGTCTCAAGACGTGT  
 GTATACGTAACAATGTGAACTCCTTTAGATCCTCAGAATGGCAGTACATGTAAACACAGACATCCG  
 GTTTGGATCCTCTATCACTTATACCTGTAATGAAGGATACCGCCTCATTGGTTCCCTCTGCTATGTGC  
 ATAATCTCTGATCAGAGCGTTGCCTGGGATGCCGAGGCACCTATTTGTGAATCAATTCCTGTGAGATAC  
 CCCAAGCATTCCAATGGAGATTTCTTCACTCAACAGAGAAGATTTTCATTATGGAATGGTAGTTAC  
 CTACCAGTGCAACTGATGCGAGAGGGAAGAAGCTCTTTAACCTGGTGGGTGAGCCCTCCATACACTGT  
 ACCAGCATCGATGGTCAAGTTGGAGTCTGGAGTGGCCCTCCTCCTCAGTGCATTGAACTCAACAAATGTA  
 CTCTCCCATGTTGAAAATGCAGTCATAGTGTCTAAAAACAAAAGCTTGTTCCTTAAGGGATATGGT  
 GGAGTTTATAGTGTGAGGATGGCTTTATGATGAAAGGAGACAGCAGTGTGTATTGTCGATCCCTAACAGA  
 TGGGAGCCTCAGTTACCAAGCTGCTTCAAGGTGAAATCCTGTGGTGTCTTCTGGGTGAGCTTCTAATG  
 GGCATGTATTCGTTCCACAAAATCTTCAACTCGGGGCCAAAGTGACCTTTGTTTGAATACAGGGTATCA  
 ATTAAAAGGCAATTTCTTAGTCATTGTGTTCTTGATGGAGTGGAAAGCATTGGAAATAGCAGCGTTCCT  
 GTGTGTGAACAAGTATGTAACTCCCTCAGGATATGAGTGGATTCCAGAAAGGGTTGCAAATGAAAA  
 AAGATTACTACTATGGAGATAATGTAGCCTTGGAAATGTGAGGATGGGTACTCTAGAAAGGATGCTCA  
 GAGCCAGTGCCAGTCCGATGCCAGCTGGGATCCTCCTCTGCCCAAATGTGTCTCTCAAGTATATGTA  
 CTCCCTCAGGATATGAGTGGATTCCAGAAAGGGTGTGCAAATGAAAAAAGATTATTACTATGGAGATAATG  
 TAGCCTTGGAAATGTGAGGATGGGTACTCTAGAAAGCAGTTCAGAGCCAGTCCAGTCCGATGCCAG  
 CTGGGATCCTCCTCTGCCCAAATGTGTCTCTCGCTCAAACAGTGGTCTAATAGCTGGAAATTTTCATTGGG  
 ATAATCGTCCTTATTTTATTCATCATTTTTTCTACTGGATGATTATGAAGTTTAAAAACGCAATTTCCA  
 CCAATGAAAAGTGTAAAGAAGTGGGTATCTATTTAAATTTCTAAAGAAGACAGCTGTGTTCCAGCCTCAGTC  
 TCTGCTACAAGTCAGGAGAACAACAGTACCAGTAGCCAGCACGGAATTCCTCACTCAAGAAGT**C****TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_019301
- Insert Size:** 1680 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\\_019301.2](#), [NP\\_062174.1](#)

**RefSeq Size:** 2094 bp

**RefSeq ORF:** 1680 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 (2) lacks an in-frame exon, which is one of the three identical exons, as compared to variant 1. The encoded isoform 2 thus lacks an internal segment, or a short consensus repeat, as compared to isoform 1.