

## Product datasheet for **RN200360**

### Cr1l (NM\_001005265) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cr1l (NM_001005265) 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:** >RN200360 representing NM\_001005265  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAGGCTTCTCGCCTCTGGACCCCGTGGGCGCCTTGTAGCCTTCTGCCGCGGAGGAGTGCATCTGG  
CGTCCTGCTGCTGTTCTTGTGCGCATCTACTTTGGGCCAGTGCCAGCCCCACCACTGTTTCCTTATGC  
CAAACCTATAAATCCAACCTGATGAATCCACGTTTCCCCTTGAACATCTTTGAAGTATGAATGTCGTCCA  
GGATATATCAAGAGGCAGTTCTCTATCACCTGCGAAGTAACTCAGTGTGGACAAGTCTCAAGACGTGT  
GTATACGTAAACAATGTGAACTCCTTTAGATCCTCAGAATGGCATAGTACATGTAACACAGACATCCG  
GTTTGGATCCTCTATCACTTATACCTGTAATGAAGGATACCGCCTCATTGGTTCCCTCTGCTATGTGC  
ATAATCTCTGATCAGAGCGTTGCCTGGGATGCCGAGGCACCTATTTGTGAATCAATTCCTGTGAGATAC  
CCCCAAGCATTCCAATGGAGATTTCTCAGTCCTAACAGAGAAGATTTTCATTATGGAATGGTAGTTAC  
CTACCAGTGCAACTGATGCGAGAGGGAAGAAGCTCTTTAACCTGGTGGGTGAGCCCTCCATACACTGT  
ACCAGCATCGATGGTCAAGTTGGAGTCTGGAGTGGCCCTCCTCCTCAGTGCATTGAACTCAACAAATGTA  
CTCCTCCCATGTTGAAAATGCAGTCATAGTGTCTAAAAACAAAAGCTTGTTCCTTAAGGGATATGGT  
GGAGTTTATAGTGTGAGTGGCTTTATGATGAAAGGAGACAGCAGTGTGTATTGTCGATCCCTAACAGA  
TGGGAGCCTCAGTTACCAAGCTGCTTCAAGGTGAAATCCTGTGGTGTCTTCTGGGTGAGCTTCTAATG  
GGCATGTATTCGTTCCACAAAATCTTCAACTCGGGGCCAAAGTGACCTTTGTTTGAATACAGGGTATCA  
ATTAAGGCAATTTCTTAGTCATTGTGTTCTTGATGGAGTGGAAAGCATTGGAATAGCAGCGTTCTCT  
GTGTGTGAACAAGTATGTAACCTCCTCAGGATATGAGTGGATTCCAGAAAGGTTGCAAATGAAAA  
AAGATTACTACTATGGAGATAATGTAGCCTTGGAAATGTGAGGATGGGTACTCTAGAAGGCAGTTCTCA  
GAGCCAGTGCCAGTCCGATGCCAGCTGGGATCCTCCTCTGCCCAAATGTGTCTCTCGCTCAACAGTGGT  
CTAATAGCTGGAATTTTCTTGGGATAATCGTCCTTATTTTATTCATCATTTTTTCTACTGGATGATTA  
TGAAGTTTAAAAACGCAATCCACCAATGAAAAGTGTAAAGAAGTGGGTATCTATTTAAATTCTAAAGA  
AGACAGCTGTGTTCCAGCCTCAGTCTCTGCTCACAAGTCAGGAGAACAACAGTACCAGTAGCCAGCACGG  
AATTCACTCACTCAAGAAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001005265

**Insert Size:** 1494 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\\_001005265.1](#), [NP\\_001005265.1](#)

**RefSeq Size:** 1908 bp

**RefSeq ORF:** 1494 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 (3) lacks an in-frame segment including two identical exons, as compared to variant 1. The encoded isoform 3 thus lacks an internal segment, which includes two short consensus repeats, as compared to isoform 1.