

Product datasheet for MC204142

Cr1l (NM_013499) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cr1l (NM_013499) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cr1l
Synonyms: Crry; Mcp; mCRY
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC028945
 GTAAAACGTTGTTTGAGAACGGTGTGAGGGGAATGGAGGTCTCTTCTCGGAGTTCAGAGCCTCTGGATCC
 GGTGTGGCTCCTTGTAGCCTTCGGCCGGGAGGAGTCAAGCTAGAAGTTTGTCTGCTGTTCTTGCTGCCA
 TTTACTTTGGGTCACTGCCAGCCCATCACAGCTTCTTCTGCCAAACCTATAAATCTAACTGATGAAT
 CCATGTTTCCCATTTGGAACATATTTGTTGTATGAATGTCTCCAGGATATATCAAGAGGCAGTTCTCTAT
 CACCTGCAAAACAAGACTCAACCTGGACGAGTGCTGAAGATAAGTGTATACGAAAACAATGTAAAACCTCT
 TCAGATCCTGAGAATGGCTTGGTACATGTACACACAGGCATTGAGTTGGATCCCGTATTAATTACTT
 GTAATCAAGGATACCGCCTCATTGGTCCCTCTGCTGTATGTGCATCACTGATCAAAGTGTGATTG
 GGATACTGAGGCACCTATTTGTGAGTGGATTCTTGTGAGATACCCCAAGCATTCCCAATGGAGATTTT
 TTCAGTTCAACCAGAGAAGACTTTTATTGGAATGGTGGTTACCTACCGCTGCAACACTGATGCGAGAG
 GGAAGGCGCTCTTTAACCTGGTGGTGAGCCCTCTTATACTGTACCAGCAACGATGGTGAATTTGGAGT
 CTGGAGCGGCCCTCCTCCTCAGTGCAATTGAACTCAACAAATGACTCCTCCTCCCTATGTTGAAAATGCA
 GTCATGCTGTCTGAGAACAGAAGCTTGTTCCTTAAGGGATATTGTGGAGTTTAGATGTACCCTGGCT
 TTATCATGAAAGGAGCCAGCAGTGTGCATTGTGCTAGTCCCTAAACAAATGGGAGCCAGAGTTACCAAGCTG
 CTTCAAGGGAGTGATATGTCGTCCCTCAGGAGATGAGTGGATTCCAGAAGGGGTTGGGAATGAAAAA
 GAATATTATTATGGAGAGAATGTAACTTGAATGTGAGGATGGGTATACTCTAGAAGGCAGTTCTCAA
 GCCAGTGCCAGTCTGATGGCAGCTGGAATCCTCTTCTGGCCAAATGTGTATCTCGCTCAATCAGTGGTCT
 AATTGTTGGAATTTTTCATTGGGATAATCGTCTTTATTTTAGTCATCATTGTTTTCATTGGATGATTCTG
 AAGTATAAAAAACGCAATACCACAGATGAAAAGTATAAAGAAGTGGGTATTCATTTAAATTATAAAGAAG
 ACAGTGTGTCGCCCTTCAAGTCTCTGCTACAAGTCAGGAGAACAGCAGTACCACTAGCCAGCAGCGAA
 TTTCACTCACTCAAGAAGTCTCCTAAATAGCAGCAACGTGAAATGAGAACATGCTCTGTCTGTATCACTTT
 TAAAAATAACTGTTTCCTTTTAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_013499
Insert Size: 1323 bp



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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:	<ol style="list-style-type: none">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:	BC028945 , AAH28945
RefSeq Size:	1444 bp
RefSeq ORF:	1323 bp
Locus ID:	12946
UniProt ID:	Q64735
Cytogenetics:	1 98.43 cM
Gene Summary:	Acts as a cofactor for complement factor I, a serine protease which protects autologous cells against complement-mediated injury by cleaving C3b and C4b deposited on host tissue. Also acts as a decay-accelerating factor, preventing the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade. Plays a crucial role in early embryonic development by maintaining fetomaternal tolerance. Also acts as a costimulatory factor for T-cells which favors IL-4 secretion.[UniProtKB/Swiss-Prot Function]