

## Product datasheet for **MC200233**

### **C1ra (NM\_023143) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C1ra (NM_023143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C1ra
Synonyms:	A1132558; C1r; mC1rA
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC004637 sequence for NM\_023143  
 GTCACCCCTCCACTGCCACAATCCTTCCTCCCTGTATGCCTACTCCCTCCTTCAACTTACAGTGCCT  
 GAAGACTCTGTCAGGAGAGCTGAGGACCCAAAACAACTGGCCTTGAGACATGTGGCTCTTTGCCCTCCT  
 GGTGACCTGTTCTATGGGGTGAAGGCTCCATTTACCTCCCTCAGAAGCTCTATGGAGAGGTGACCTCC  
 CCTCTGTATCCCAAGCCTTACCCAGTGACTTGGAGACAACCACTGTGATCACTGTCCCCATGGGGTACA  
 GGGTGAAGCTGGTCTTCTGGCAGTTTGACGTGGAGCCTTCTGAAGGCTGCTTCTATGACTATGTTAAGT  
 TTCTGCTGATAAGCAAACACTGGGGAGGTTCTGTGGCAGCTGGATTCTCCCTGGGCAACCCCCAGGA  
 AGCAAGGAATTCATGTCCCAAGGAAACAAGATGCTGCTGACCTTCCACACAGACTTCTCCAATGAGGAGA  
 ATGGGACCATCATGTTCTACAAGGGCTTCTGGCCTACTACCAGGCTGTAGACCTTGATGAATGTGCATC  
 GCAGCCAACTCAGTGAAGAGGGTTTGCAGCCCGATGCCAACATCTGTGTCAAACTATGTTGGAGGC  
 TACTTCTGTTCTGCCATCCTGGCTATGAGCTTCAAGAAAGATGGGCAATCCTGCCAGGCTGAGTGCAGCA  
 GTGAGCTCTACACAGAGCCCTCAGGCTATGTCTCCAGCCTTGAATACCCTCAGCCCTATCCACCGGATCT  
 ACGCTGCAACTACAGCATCCGGGTGGAGAGGGCCTCACTGTGCACCTCAAGTTCCTGGATCCCTTTGAA  
 ATTGATGACCACCAGCAAGTGCCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTGACCTG  
 GTGAATTCGTGGAAAGCAAAGGCTCCAGACCTTGACACCAGCAGCAATGCAGTGGATCTGCTGTTCTT  
 CACAGATGAGTCAGGGGACAGCCGAGGCTGGAAGCTGACTACACCACTGAAACCATCAAGTGCCCCAG  
 CCCAAGGCTCTGGATGAGTTCACCATCATCCAGGATCCGACGCTCAGTACCAGTTCGGGATTACTTCA  
 TTGTCACTGCAAGCAAGGCTACCAGCTCATGGAGGAAATCAGGCGCTACTCTCCTTACAGCTGTTTG  
 CCAGCATGATGGCACATGGCATCGTGCCATGCCAGGTGCAAGATCAAGAAGTGTGGGACGCCCCAAGC  
 CTGTCTAATGGGACTTCCGCTACATCACCACAAAAGGCGTGACCACCTATGAAGCCAGTATCCAGTATC  
 ACTGCCATGAACCATATTACAAGATGCTGACCAGAGCTGGCAGCAGCGAGTCCATGCGAGGGATATATAC  
 CTGCACAGCCCAAGGCATTTGGAAGAATGAAGAGGAAGGAGAGAAAATGCCCCGGTGTCTGCCAGTGTG  
 GGGAAACCTGTCAACCCTGTGACACAGAAGGAGCGCATCATCAGAGGGCAGCCAGCCAGGCCCGCAACT  
 TCCCTGGCAGGCTTACCCTACCCACGGGCGAGGGGTGGGGCCCTGCTTGGAGACCCTGGATCCT  
 CACAGCAGCCACACCATCTACCCCAAGCATCACAACAAGGAAAACGACAATGCCAACCCAAAATGCTT  
 GTTTTCTGGCCACACAAATGTGGAACAGATCAAAAACTGGGACATCACCCAGTCCGTAGGGTATCA  
 TACACCCAGACTACCGCAAGATGAACCTAACAATTTTGAAGGAGACATTGCTCTACTGGAGCTGGAAAA  
 CAGTGTCACTGGGCCCGAATCCTCCCATCTGTCTCCAGACAATGAGACCTTCTATGGCCAAAGGC  
 CTCATGGGTTATGTCAGCGGATTCGGGATAACAGAAGATAAGTTAGCTTTCGATCTCAGTTTCGTCAGAC  
 TGCTGTAGCTGACAGTGAAGCATGCCAGAGATGGCTCCAGACAAAAAAGGATACTTCTCCATTTTCTCA  
 AAATATGTTCTGTTCTGGGGACCAGCTGTACAGCAAGACGCCTGCCAAGGGGACAGTGGGGGTGTTTTT  
 GCAGTCAGGGACAGAAATCGTGATATCTGGGTGGCTACGGGCATCGTATCCTGGGGCATTGGGTGTGGT  
 AGGGATATGGCTTCTACACCAAGGTAATGATTGTTGACTGGATCAAGAAAGAGATGGGAGACGAAAA  
 CTGAACCCAGTGTCACTGGGTGAGAAATCCAGGTATAGTGTATTAATAAATAATGATCTGACCAATTGT  
 TGATAAGCACTATGATTCTATATAAATAAATAAAGATGCAGAACGTGTATAGAATAAACTCTTTTTCTG  
 TAATCCCATCAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_023143

**Insert Size:** 2124 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:** [BC004637](#), [AAH04637](#)

**RefSeq Size:** 2409 bp

**RefSeq ORF:** 2124 bp

**Locus ID:** 50909

**UniProt ID:** [Q8CG16](#)

**Cytogenetics:** 6 F2

**Gene Summary:** C1r B chain is a serine protease that combines with C1q and C1s to form C1, the first component of the classical pathway of the complement system.[UniProtKB/Swiss-Prot Function]