

## Product datasheet for MC223270

### Cr2 (NM\_007758) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cr2 (NM_007758) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cr2
Synonyms:	C3DR; CD21; CD35; Cr-1; Cr-2; Cr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223270 representing NM_007758 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGATCCTGGGTTTCGCTCTGGGTTTTCTTCACTCTCATCACTCCAGGAGTTCTTGAGATTTCTTG  
ACCCTCCTCTGAAGTCAAAAATGCTCGGAAACCTATTATTCTTCCCATAGTTCCTGGAAGTGTCT  
GAGGTACACTTGTTCACCTAGCTACCGCCTCATTGGAGAAAAGGCTATCTTTGTATAAGTAAAATCAA  
GTGCATGCCACCTGGGATAAAGCTCCTCTATATGTGAATCTGTGAATAAAACCATTTCTTGCTCAGATC  
CCATAGTACCAGGGGATTCATGAATAAAGGATCTAAGGCACCATTCAGACATGGTGATTCTGTGACATT  
TACCTGTAAGGCCAATTCACCATGAAAGGAAGCAAACTGTCTGGTGCCAGGCAAAATGAAATGTGGGA  
CCAACAGCTCTGCCAGTCTGTGAGAGTGATTTCCCTCTGGAGTGCCCATCACTTCCAACGATTATAATG  
GACACCACACAGGACAGCATGTTGACCAGTTTGTGCGGGGTTGTCTGTGACATACAGTTGTGAACCTGG  
CTATTTGCTCACTGGAAGGACAAATTAAGTGCTTATCTTCAGGAGACTGGGATGGTGTGATCCCGACA  
TGCAAAGAGGCCAGTGTGAACATCCAGGAAAGTTTCCAATGGCAGGTAAGGAACCTCTGACCTTC  
AGGTTGGCACAAGTGTACTTCTCTGTAATGAAGGTTACCAATTACAAGGACAACCTCTAGTCAGT  
TGTAATTGTTGAACAGAAAGCCATCTGGACTAAGAAGCCAGTATGTAAGAAATCTCTGCCACCACT  
CCACCTGTTGTAATGGAAGTCATACAGGCAGCTTTTCAGAAAATGTACCATATGGAAGCACAGTTACCT  
ACACCTGTGACCAAGCCAGAGAAAGGCGTGAGCTTCACTCTTATTGGAGAGAAGACTATCAATTGTAC  
TACTGGTAGTCAGAAGACTGGGATCTGGAGTGCCCTGCTCCATATTGTGACTTTCAACTTCTGCAGTT  
CTGTGTTTACAACCGAAGATCAAAGAGGGCAAAATATTATCTATTTTGAAGATAGTTATTCATATAATG  
ACACTGTGGCATTCTTGTGAACTGGCTTCACTTGAAGGGCAACAGGAGCATTTCATGCAATGCTCA  
TGGCACATGGGAGCCACCGTACCAGTGTGAAAAAGGATGTCAGGCTCCTCTAAAATATCAATGGG  
CAAAAAGAAGATAGTTACTTGTCAACTTTGACCCTGGTACATCCATAAGATATAGCTGTGACCCTGGCT  
ATTTACTGGTGGGAGAGGACACTATACATTGCACCCCTGAGGGGAAGTGGACACCCATTACTCCCCAGT  
CACAGTTGCAGAGTGAAGCCAGTAGGACCACATCTCTTAAAGAGGCCTCAGAATCAGTTTATTAGGACA  
GCTGTTAATCTTCTTGTGATGAAGGTTCCAGTTAAGTGAGAGTGCTTATCAACTGTGTCAAGGTACAA



[View online »](#)

TTCCTTGGTTTATAGAAATCCGTCTTTGTAAAGAAATCACCTGCCACCACCTCCTGTTATACACAACGG  
 GACACATACATGGAGTTCCTCAGAAGATGTCCCATATGGAAGTGTGGTCACATACATGTGCTATCCTGGG  
 CCAGAGGAAGGCGTAAAAATCAAACCTCATCGGGGAGCAAACCATCCACTGTACAAGTGACAGCAGAGGAA  
 GAGGCTCCTGGAGTAGCCCTGCTCCTCTGTAAACTTTCCCTCCCAGCTGTCCAGTGCACAGACGTTCA  
 TGTTGAAAATGGAGTCAAGCTCACTGACAATAAAGCCCCATATTTCTACAATGATAGTGTGATGTTCAAG  
 TGTGATGATGGATATATTTTGTGAGTGAAGCAGTCAGATCCGGTGTAAAGCCAATAATACCTGGGATCCTG  
 AAAAACCACTTTGTAAAAAAGAAGGATGTGAGCCTATGAGAGTACATGGCCTTCCAGATGATTCACATAT  
 AAAACTAGTGAAAAGAACCCTGTCAAATGGGTACCAGTTGACTGGATATACTTATGAGAAGTGCAAAAT  
 GCTGAGAATGGGACTTGGTTTAAAAAGATTGAAGTTTGTACAGTTATTCTCTGTCAAACCTCCACCAAAAA  
 TTGCAAATGGTGGTCACACAGGCATGATGGCAAAGCACTTCTATATGGAATGAAGTTTCTTATGAATG  
 TGATGAAGGGTCTATCTTTTGGGAGAGAAAAGTTTGCAGTGCATAAATGATTCTAAAGGTCATGGCTCT  
 TGGAGTGGACCTCCACCACAATGCTTACAATCTTCTCCTCTAACTCATTGCCCGATCCAGAAGTCAAAC  
 ATGTTTACAACTCAATAAACTCATTCTGCATTTTCTCATAATGACATAGTACATTTTGTCTGCAATCA  
 AGGCTTCATCATGAACGGCAGCCACTTGATAAGGTGTCATACTAATAACACATGGTTACCAGGTGTACCA  
 ACTTGTATCAGAAAGGCTTCTTTAGGGTGTGAGTCCATCCACAATCCCAATGGGAATCATACTGGTG  
 GGAGTATAGTCTGATTTCCCTGGAATGTCAGTCACTGACAGTTGCTACCAAGGCTTCTTATGGCTGG  
 AGAGGCACGTCTTATCTGTACTCATGAGGTACCTGGAGTCAACCTCCCCCTTTTGTCAAAGAGGTAAC  
 TGTAGTTCCTGAAGATACAAATGGAATCCAGAAGGGATTTCAACCTGGGAAAACCTATCGATTTGGGG  
 CTACTGTGACTCTGGAATGTGAGGATGGGTATACCTTGGAGGGAAGTCCCAGAGCCAGTCCAGGATGA  
 CAGCCAATGGAACCTCCCTTGGCTCTTTGCAAATACCGGTCAACTTTCCTCTTATTTGTGGTATTTCT  
 GTGGGCTCAGCACTTATCATTTTGTGAGTGTGCGCTTCTGTATGATATTAACACAGAGAAAGCAATT  
 ATTATACAAAGACAAGACCCAAAGAAGGAGCTTTCATTTAGAAACACGAGAAGTATATTCTATTGATCC  
 ATATAACCCAGCAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_007758

**Insert Size:**

3099 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\_007758.2, NP\_031784.1
**RefSeq Size:**

6207 bp

**RefSeq ORF:**

3099 bp

Locus ID: 12902

Cytogenetics: 1 98.44 cM