

## Product datasheet for MC208300

### Ccr5 (NM\_009917) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccr5 (NM_009917) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccr5
Synonyms:	AM4-7; CD195; Cmkbr5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208300 representing NM_009917 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATTTTCAAGGGTCAGTTCGACCTATAGCTATGACATCGATTATGGTATGTCAGCACCCCTGCCAAA  
AAATCAATGTGAAACAAATTGCGGCTCAGCTCCTGCCCCACTCTACTCCCTGGTATTCATCTTTGGTTT  
TGTGGGTAACATGATGGTCTTCTCATCTTGATAAGCTGCAAAAAGCTGAAGAGCGTGACTGATATCTAC  
CTGCTCAACCTGGCCATCTCTGACCTGCTTCTCTGCTCACACTACCATTCTGGGCTCACTATGCTGCAA  
ATGAGTGGGTCTTTGGGAACATAATGTGTAAGTATTCACAGGGCTCTATCACATTGGTTATTTTGGTGG  
AATCTTCTTATTATCCTCCTGACAATTGATAGGTAAGTGGCTATTGTCCATGCTGTGTTTGTCTTAAAA  
GTCAGAACGGTCAACTTTGGGGTGATAACAAGTGTAGTCACTTGGGCGGTGGCTGTGTTTGCCTCTCTCC  
CAGAAATAATCTTTACCAGATCTCAGAAAGAAGTTTTTATTATACATGCAGTCCCTATTTTCCACACAC  
TCAGTATCATTCTGGAAGAGTTTCCAACATTAAGATGGTCATCTTGAGCCTGATCCTGCCTCTACTT  
GTCATGGTCATCTGCTACTCAGGAATTCACACCCCTGTTTCGCTGTAGGAATGAGAAGAAGAGGCACA  
GGGCTGTGAGGCTCATCTTTGCCATCATGATTGTCTACTTTCTCTCTGGACTCCCTACAACATTGTCT  
CCTCCTGACCACCTTCCAGGAATCTTTGGACTGAATAACTGCAGTAGTTCTAATAGACTAGACCAGGCC  
ATGCAGGCAACAGAGACTCTTGAATGACACACTGCTGCCTAAACCCTGTCATATGCCTTTGTTGGAG  
AGAAGTTCCGGAGTTATCTCTCAGTGTCTTCCGAAAACACATGGTCAAACGCTTTTGCAAACGGTGTTT  
AATTTTCCAGCAAGACAATCCTGATCGTCAAGCTCAGTCTATACCCGATCCACAGGAGAACATGAAGTT  
TCTACTGGTTTATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_009917
<b>Insert Size:</b>	1065 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC103574</a> , <a href="#">AAI03575</a>
<b>RefSeq Size:</b>	1327 bp
<b>RefSeq ORF:</b>	1065 bp
<b>Locus ID:</b>	12774
<b>UniProt ID:</b>	<a href="#">P51682</a>
<b>Cytogenetics:</b>	9 75.05 cM
<b>Gene Summary:</b>	Receptor for a number of inflammatory CC-chemokines including MIP-1-alpha, MIP-1-beta and RANTES and subsequently transduces a signal by increasing the intracellular calcium ion level. May play a role in the control of granulocytic lineage proliferation or differentiation (By similarity).[UniProtKB/Swiss-Prot Function]