

## Product datasheet for **MC207504**

### **Ccr12 (NM\_017466) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccr12 (NM_017466) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccr12
Synonyms:	1810047I05Rik; Ackr5; CCR11; Cmkbr112; E01; L-CCR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207504 representing NM_017466 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATAACTACACAGTGGCCCCGGACGATGAATATGATGTCCTAATCTTAGACGACTACCTGGACAACA  
GTGGGCCGGACCAAGTCCGGCCCCGAGTTCCTCTCCCCCAGCAGGTGCTGCAGTTCTGCTGCGCGGT  
GTTTGGGTGGGTCTCTGGACAACGTGCTGGCGGTGTTATCTTGGTAAAATACAAAGGACTCAAGAAT  
CTGGGGAACATCTACTTCTAACCTGGCACTTCAAACCTGTGTTTCTGCTTCCCTGCCGTTCTGGG  
CCCATACTGCAGCACACGGGAAAGCCCTGGCAACGGGACCTGTAAGTTCTTGTGCGACTCCACTCCTC  
GGGCTTATACAGCGAGGTGTTTTCCAACATCCTCCTTGTGCAAGGATACAGGGTGTTCCTCCAAAGGG  
CGACTGGCCTCCATCTTACGACAGTGTCTTGTGGTATTGTTGCGTGCATCCTGGCATGGCCATGGCTA  
CTGCGCTCTTTGCCGAGTCTGTGTTTTATGAGCCTCGGATGGAAAGACAGAAACACAAGTGTGCCTT  
TGGCAAACCTCACTTCTTGCCAATCGAAGCGCCGCTCTGGAAAGTACGTTCTGACGTCAAAAATGATCATC  
TTGGTACTTGCTTTCTCTGCTGGTTTTATAATCTGCTGCAGGCAACTGAGGAGAAGGCAGAGCTTCA  
GGGAGAGACAGTACGACCTCCACAAGCCGGCTCTGTGATAACGGGCGTGTCTTTTATGTGGGCGCC  
TTACAACACTGTGCTTTTCTGTCTGCTTCCAGGAACACTGTCCCTGCAGGATGAGAAGAGCAGCTAC  
CACCTGGACGCAAGTGTTCAGGTACACAGCTGGTAGCGACCACCACTGCTGCTCAACCCGCTGCTCT  
ATTTGCTTCTTGACCGGAAGGCCTTTATGAGATACCTTCGACGCTGTTCCACGGTGAATGATATCCC  
CTATCAAAGTAGTGGAGGCTATCAGCAAGCGCCTCCAAGGGAAGGTCATGGCAGGCCATTGAACTGTAC  
AGCAATTTGCATCAAAGGCAGGATATAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1934\\_b02.zip](https://cdn.origene.com/chromatograms/ja1934_b02.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_017466
<b>Insert Size:</b>	1083 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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="#">BC038631</a> , <a href="#">AAH38631</a>
<b>RefSeq Size:</b>	2110 bp
<b>RefSeq ORF:</b>	1083 bp
<b>Locus ID:</b>	54199
<b>UniProt ID:</b>	<a href="#">O35457</a>
<b>Cytogenetics:</b>	9 60.92 cM
<b>Gene Summary:</b>	<p>Receptor for CCL19 and chemerin/RARRES2. Does not appear to be a signaling receptor, but may have a role in modulating chemokine-triggered immune responses by capturing and internalizing CCL19 or by presenting RARRES2 ligand to CMKLR1, a functional signaling receptor. Plays a critical role for the development of Th2 responses (By similarity).            [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.</p>