

## Product datasheet for **MC227270**

### **Ccr12 (NM\_001302376) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccr12 (NM\_001302376) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ccr12  
**Synonyms:** 1810047I05Rik; Ackr5; CCR11; Cmkbr112; E01; L-CCR  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227270 representing NM\_001302376  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATAACTACACAGTGGCCCCGGACGATGAATATGATGTCCTAATCTTAGACGACTACCTGGACAACA  
GTGGGCCGGACCAAGTCCGGCCCCGAGTTCCTCTCCCCCAGCAGGTGCTGCAGTTCTGCTGCGCGGT  
GTTTGGGTGGGTCTCTGGACAACGTGCTGGCGGTGTTTATCTTGGTGAATACAAAGGACTCAAGAAT  
CTGGGGAAACATCTACTTCTAAACCTGGCACTTCAAACCTGTGTTTCTGCTTCCCCTGCCGTTCTGGG  
CCCATACTGCAGCACACGGGAAAGCCCTGGCAATGGGACCTGTAAGTCTTGTGCGACTCCACTCCTC  
GGGCTTATACAGCGAGGTGTTTTCCAACATCCTCCTTGTGCAAGGATACAGGGTGTTCCTCCAAAGGG  
CGACTGGCCTCCATCTTACGACAGTGTCTTGTGGTATTGTTGCGTGCATCCTGGCATGGCCATGGCTA  
CTGCGCTCTTTTGGCCGAGTCTGTGTTTTATGAGCCTCGGATGGAAAGACAGAAACACAAGTGTGCCTT  
TGGCAAACCTCACTTCTTGCCAATCGAAGCGCCGCTCTGGAAGTACGTTCTGACGTCAAAAATGATCATC  
GGGAGAGACAGTACGACCTCCACAAGCCGGCTCTGTGATAACGGGCGTGTTCCTTTGATGTGGCGCC  
TTACAACACTGTGCTTTTCTGTCTGCTTCCAGGAACACTTGCCTGCAGGATGAGAAGAGCAGCTAC  
CACCTGGACGCAAGTGTTCAGGTACACAGCTGGTAGCGACCACCCACTGCTGCGTCAACCCGCTGCTCT  
ATTTGCTTCTTGACCGGAAGGCCTTTATGAGATACCTTCGACGCTGTTCCACGGTGAATGATATCCC  
CTATCAAAGTAGTGGAGGCTATCAGCAAGCGCCTCCAAGGGAAGTTCATGGCAGGCCATTGAAGTGTAC  
AGCAATTTGCATCAAAGGCAGGATATAATATA**TAA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001302376



|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1083 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>OTI Annotation:</b>        | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.  |
| <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>                | <u>NM_001302376.1, NP_001289305.1</u>   |
| <b>RefSeq Size:</b>           | 1871 bp   |
| <b>RefSeq ORF:</b>            | 1083 bp   |
| <b>Locus ID:</b>              | 54199   |
| <b>UniProt ID:</b>            | <u>Q35457</u>   |
| <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).<br/>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.</p> |