

Product datasheet for MC227270

Ccr12 (NM_001302376) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ccr12
Synonyms:	1810047105Rik; Ackr5; CCR11; Cmkbr112; E01; L-CCR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227270 representing NM_001302376 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATAACTACACAGTGGCCCCGGACGATGAATATGATGTCTTAATCTTAGACGACTACCTGGACAACA
GTGGGCGCGACCAAGTTCGGCCCCCGAGTTCCTCTCCCCCAGCAGGTGCTGCAAGTTCGTGCGCGGT
GTTTGGCGGTGGGTCTCTGGACAACGTGCTGGCGGTGTTTATCTTGGTGAATACAAAGGACTCAAGAAT
CTGGGGAACATCTACTTCTAAACCTGGCACTTCAAACCTGTGTTCCCTGCTTCCCTGCCGTTCTGGG
CCCATACTGCAGCACACGGGAAAGCCCTGGCAATGGGACCTGTAAGTTCCTGTCGACTCCACTCCTC
GGCCTTATACAGCGAGGTGTTTTCCAACATCCTCCTTGTGCAAGGATACAGGGTGTTCCTCCAAAGG
CGACTGGCCTCCATCTTACGACAGTGTCTTGTGGTATTGTTGCGTGCATCCTGGCATGGGCCATGGCTA
CTGCGCTCTTTGCCGAGTCTGTGTTTTATGAGCCTCGGATGGAAGACAGAAACACAAGTGTGCCTT
TGGCAAACCTCACTTCTTGCCAATCGAAGCGCCGCTCTGGAAGTACGTTCTGACGTCAAAAATGATCATC
TTGGTACTTGCTTTTCTCTGCTGTTTTTATAATCTGCTGCAGGCAACTGAGGAGAAGGCAGAGCTTCA
GGGAGAGACAGTACGACCTCCACAAGCCGGCTCTTGTGATAACGGGCGTGTTCCTTTGATGTGGGCGCC
TTACAACACTGTGCTTTTCTGTCTGCTTCCAGGAACACTGTCCCTGCAGGATGAGAAGAGCAGCTAC
CACCTGGACGCAAGTGTTCAGGTACACAGCTGGTAGCGACCACTGCTGCGTCAACCCGCTGCTCT
ATTTGCTTCTTGACCGGAAGGCCTTTATGAGATACCTTCGACGCTGTTCCACGGTGAATGATATCCC
CTATCAAAGTAGTGGAGGCTATCAGCAAGCGCCTCCAAGGGAAGGTGATGCGAGGCCATTGAACGTGAC
AGCAATTTGCATCAAAGGCAGGATATAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001302376
Insert Size:	1083 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001302376.1 , NP_001289305.1
RefSeq Size:	1871 bp
RefSeq ORF:	1083 bp
Locus ID:	54199
UniProt ID:	O35457
Cytogenetics:	9 60.92 cM
Gene Summary:	<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 (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.</p>