

Product datasheet for **MC207390**

Ccl12 (NM_011331) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccl12 (NM_011331) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccl12
Synonyms:	MCP-5; Scya12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207390 representing NM_011331 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGATTTCCACACTTCTATGCCTCCTGCTCATAGCTACCACCATCAGTCCTCAGGTATTGGCTGGAC
CAGATGCGGTGAGCACCCAGTCACGTGCTGTTAATGTTGTTAAGCAGAAGATTCACGTCCGGAAGCT
GAAGAGCTACAGGAGAATCACAAGCAGCCAGTGTCCCCGGAAGCTGTGATCTTCAGGACCATACTGGAT
AAGGAGATCTGTGCTGACCCAAGGAGAAGTGGGTTAAGAATTCATAAACCCTTGATAAGACGTCTC
AACCTTCATCCTGAACCTTCATGTCTAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_011331
Insert Size:	315 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).



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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_011331.2](#), [NP_035461.2](#)

RefSeq Size: 537 bp

RefSeq ORF: 315 bp

Locus ID: 20293

UniProt ID: [Q62401](#)

Cytogenetics: 11 49.9 cM

Gene Summary: Chemotactic factor that attracts eosinophils, monocytes, and lymphocytes but not neutrophils. Potent monocyte active chemokine that signals through CCR2. Involved in allergic inflammation and the host response to pathogens and may play a pivotal role during early stages of allergic lung inflammation.[UniProtKB/Swiss-Prot Function]