

Product datasheet for MR200255

Ccl12 (NM_011331) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccl12 (NM_011331) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccl12
Synonyms: MCP-5; Scya12
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200255 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGATTTCCACACTTCTATGCCTCCTGCTCATAGCTACCACCATCAGTCCTCAGGTATTGGCTGGAC
 CAGATGCGGTGAGCACCCAGTCACGTGCTGTTAATGTTGTTAAGCAGAAGATTCACGTCCGGAAGCT
 GAAGAGCTACAGGAGAATCACAAGCAGCCAGTGTCCCCGGAAGCTGTGATCTTCAGGACCATACTGGAT
 AAGGAGATCTGTGCTGACCCAAGGAGAAGTGGGTTAAGAATTCATAAACCCTTGATAAGACGTCTC
 AACCTTCATCCTGAACCTTCATGTCTAGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200255 protein sequence
 Red=Cloning site Green=Tags(s)
 MKISTLLCLLLIATTISQVLGPDVSTPVTCCYNVVKQKIHVRKLSYRRITSSQCPREAVIFRTILD
 KEICADPKEKWKNSINHLDKTSQTFILEPSCLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_011331

ORF Size: 315 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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.

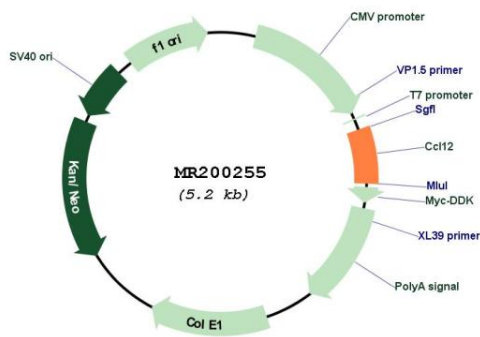
RefSeq: [NM_011331.3](#)

RefSeq Size: 537 bp

RefSeq ORF: 315 bp

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|----------------------|--|
| Locus ID: | 20293 |
| UniProt ID: | Q62401 |
| Cytogenetics: | 11 49.9 cM |
| MW: | 11.7 kDa |
| 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] |

Product images:



Circular map for MR200255