

Product datasheet for **MC209366**

Ccl5 (NM_013653) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccl5 (NM_013653) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ccl5
Synonyms: MuRantes; RANTES; Scya5; SISd; TCP228
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209366 representing NM_013653.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGATCTCTGCAGCTGCCCTCACCATCATCCTCACTGCAGCCGCCCTCTGCACCCCCGCACCTGCC
TCACCATATGGCTCGGACACCACTCCCTGCTGCTTTGCCTACCTCTCCCTCGCGCTGCCTCGTCCAC
GTCAAGGAGTATTTCTACACCAGCAGCAAGTGTCCAATCTTGCAGTCGTGTTTGTCACTCGAAGGAAC
CGCCAAGTGTGTGCCAACCCAGAGAAGAAGTGGTTCAAGAATACATCACTATTGGAGATGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul
ACCN: NM_013653
Insert Size: 276 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_013653.3](#)

RefSeq Size: 579 bp

RefSeq ORF: 276 bp

Locus ID: 20304

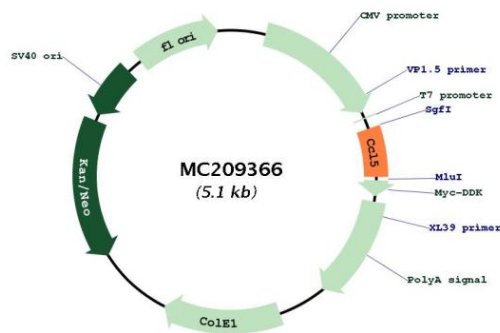
UniProt ID: [P30882](#)

Cytogenetics: 11 50.66 cM

MW: 10.1 kDa

Gene Summary: Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. May activate several chemokine receptors including CCR1, CCR3, CCR4 and CCR5. May also be an agonist of the G protein-coupled receptor GPR75. Together with GPR75, may play a role in neuron survival through activation of a downstream signaling pathway involving the PI3, Akt and MAP kinases. By activating GPR75 may also play a role in insulin secretion by islet cells. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MC209366