

Product datasheet for **MC207517**

Ccl24 (NM_019577) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccl24 (NM_019577) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ccl24
Synonyms: CKb-6; MPIF-2; Scya24
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207517 representing NM_019577
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCTCTGCTACGATCGTTGCCGGCCTCCTTCTCCTGGTAGCCTGCGCGTGTTCATCTTCCCCA
TAGATTCTGTGACCATCCCCTCATCTTGCTGCAGTCCTTTATTCCAAGAAAATCCAGAAAACCGAGT
GGTTAGCTACCAGTTGGCCAACGGCAGCATCTGTCCCAAGGCAGGGGTCACTTTCATACCAAGAAGGGC
CATAAGATCTGTACTGACCCCAAGCTGCTGTGGGTTTCAGAGGCACATACAAAACCTGGATGCCAAGAAAA
ACCAGCCTTCTAAAGGGCCAAGGCAGTGAGAACCAAGTTTGTGTCCAGAGACGCCGTGCCAATAGCAC
CGAGGTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019577
Insert Size: 360 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_019577.4](#), [NP_062523.1](#)

RefSeq Size: 1289 bp

RefSeq ORF: 360 bp

Locus ID: 56221

UniProt ID: [Q9JKC0](#)

Cytogenetics: 5 G2

Gene Summary: Chemotactic for resting T-lymphocytes, and eosinophils. Has lower chemotactic activity for neutrophils but none for monocytes and activated lymphocytes. Binds to CCR3 (By similarity). [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.