

Product datasheet for MR222187

Ccl25 (NM_009138) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccl25 (NM_009138) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccl25
Synonyms: A130072A22Rik; AI852536; CKb15; Scya25; TECK
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222187 representing NM_009138
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAACTGTGGCTTTTTGCCTGCCTGGTTGCCTGTTTTGTTGGGCCTGGATGCCGGTTGTCCATGCC
AAGGTGCCTTTGAAGACTGCTGCCTGGTTACCAGCACAGGATCAAATGGAATGTTCTCCGGCATGCTAG
GAATTATCACCAGCAGGAAGTGAAGCTGCAACCTACGTGCTGTGAGATTCTACTCCGCCAGAAA
GTAGTGTGTGGGAATCCAGAGGACATGAATGTGAAGAGGGCGATGAGAATCTTGACAGCTAGGAAAAGGC
TAGTCCACTGGAAGAGCGCCTCAGACTCTCAGACTGAAAGGAAGAAGTCAAACCATATGAAGTCCAAGGT
GGAGAACCCCAACAGTACAAGCGTGAGGAGTGCCACCCTAGGTCATCCAGGATGGTGATGATGCCCAGA
AAGACCAACAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222187 representing NM_009138
Red=Cloning site Green=Tags(s)
MKLWLFACLVACFVGAWMPVVAHQAFEDCCLGYQHRIKWNVLRHARNYHQEVSGSCNLRVRFYFRQK
VVCNPNEDMNVKRAMRILTARKRLVHWKSASDSQTERKKSNHMKSIVENPNSTSVRSATLGHPRMVMMPR
KTNN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

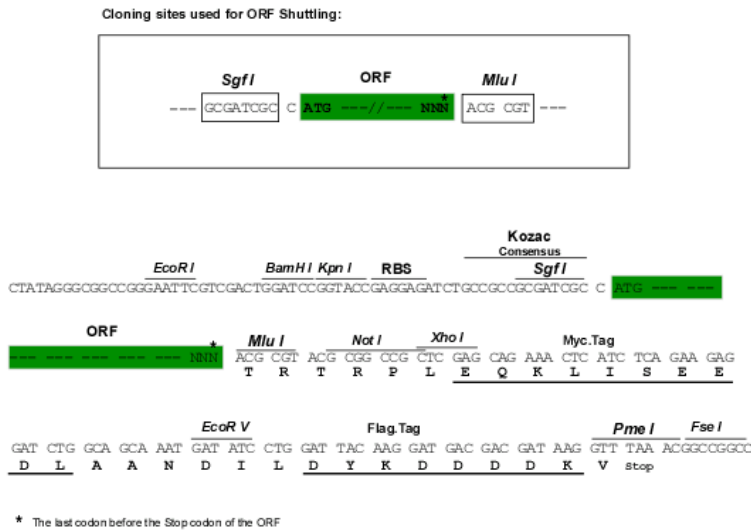
Chromatograms: https://cdn.origene.com/chromatograms/mm9007_c08.zip



[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009138

ORF Size: 432 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_009138.3](#), [NP_033164.1](#)

RefSeq Size: 1073 bp

RefSeq ORF: 435 bp

Locus ID: 20300

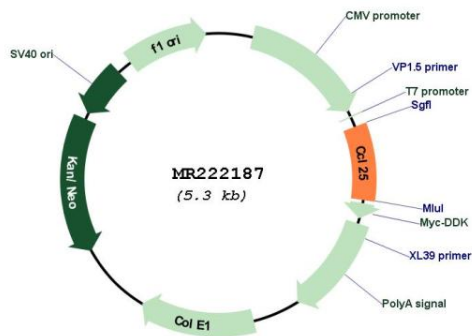
UniProt ID: [O35903](#)

Cytogenetics: 8 2.01 cM

MW: 17.2 kDa

Gene Summary: Potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritic cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222187