

Product datasheet for MR218175

Ccr8 (NM_007720) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccr8 (NM_007720) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccr8
Synonyms:	C-C; C-C CKR-8; CC-CKR-8; CCR-8; CKR-8; Cmkbr8; mCCR8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR218175 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATTACAGATGGAGCCCAACGTCACGATGACCGACTACTACCTGATTTCTTCACCGCCCCCTGTG
ACGCAGAGTTCCTCCTCAGGGGCAGCATGCTGTATCTGGCCATCTGTACTGCGTCTTGTGGTCTGGG
CCTTCTGGGGAACAGCCTGGTCATCTTAGTCTCGTGGGCTGCAAGAACTGAGGAGCATCACAGATATC
TACCTCCTGAACCTGGCCGATCCGACCTGCTCTTTGCTCTCTATTCCCTTCAGACCCACAACCTGC
TGGACCACTGGGTGTTTGGGACTGCGATGTGTAAGGTGGTCTCTGGCCTTTATTACATTGTTTTTTCAG
CAGTATGTTCTTCATACCCCTAATGAGTGTGGACAGGTATCTGGCTATTGTCCACGCTGTCTATGCCATC
AAGGTGAGGACGGCCAGCGTGGGCACAGCCCTGAGTCTGACAGTGTGGCTGGCTGCTGTACAGCCACCA
TCCCTTGATGGTTTTTACCAAGTGGCCTCTGAAGACGGCATGCTACAATGTTTCCAGTTTTATGAAGA
GCAGTCTTTGAGGTGGAAGCTCTTTACCCACTTTGAAATCAACGCCTTGGGTCTGCTGCTCCCTTTGCC
ATCCTCCTGTTCTGCTATGTCAGGATCCTGCAGCAGCTGCGGGGCTGCCTGAACCACAACAGGACCAGAG
CCATCAAGCTGGTGTCCACGTAGTCATTGTGTCTTTACTCTTCTGGTCCCATTCAACGTGGCCCTTTT
CCTCACGTCCCTGCACGACCTGCACATCTTGGATGGATGTGCCACGAGGCAGAGGCTGGCTCTGGCCATC
CATGTCACAGAGGTCATCTCTTTACCCACTGCTGCGTGAACCCGTCATCTACGCGTTTCATAGGAGAGA
AGTTTAAGAAACACCTCATGGATGTGTTTCAAAAAGAGCTGCAGCCACATCTTCTCTACTTAGGGAGACA
AATGCCCGTGGGGCGTTGAAAAGCAGCTGTCTCGAACCGATCTTCCCATTCTTCCACCCTGGAT
GACATCTTG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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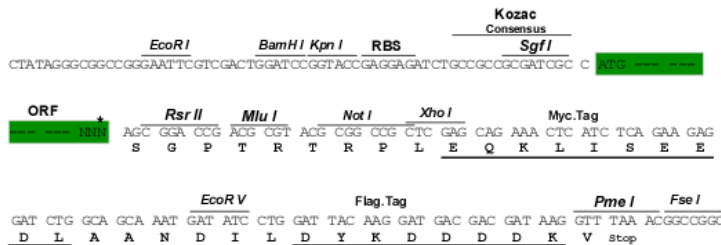
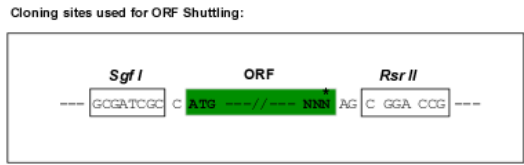
Protein Sequence: >MR218175 protein sequence
 Red=Cloning site Green=Tags(s)

MDYTMEPNVTMTDYYPDFFTAPCDAEFLLRGSMYLAAILYCVLFVLGLLGNSLVILVLVGCKKLRITDI
 YLLNLAASDLLFVLSIPFQTHNLLDQWVFGTAMCKVVSGLYYIGFSSMFFITLMSVDRYLAIVHAVYAI
 KVRTASVGTALSLTVWLAAVTATIPLMVFYQVASEDGMLQCFQFYEEQSLRWKLFTHFEINALGLLLPPFA
 ILLFCYVRILQQLRGCLNHNRTRAIKLVLTVIVSLLFWVPFNVALFLTSLHDLHILDGCATRQLALAI
 HVTEVISFTHCCVNPVIYAFIGEKFKKHLMDFQKSCSHIFLYLGRQMPVGALERQLSSNQSSHSSTLD
 DIL

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_007720

ORF Size: 1062 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_007720.1](#), [NM_007720.2](#), [NP_031746.1](#)

RefSeq Size: 1156 bp

RefSeq ORF: 1062 bp

Locus ID: 12776

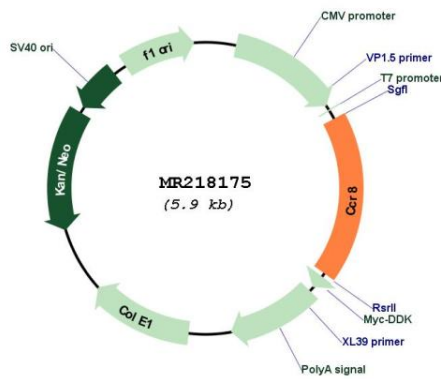
UniProt ID: [P56484](#)

Cytogenetics: 9 F4

MW: 40 kDa

Gene Summary: Receptor for the CCL1/SCY1/TCA-3 chemokine.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218175