

Product datasheet for **RR215247**

Ccr3 (NM_053958) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccr3 (NM_053958) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccr3
Synonyms:	Cmkbr3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR215247 representing NM_053958 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCATCCAACGAAGAGGAACCAAGACTGTTGTTGAAACCTTTGAGACCACACCCTATGAATATGAGT
GGGCACCACCCTGTAAAAAGTCAGCATCAGAGAGCTGGGGTCATGGCTCCTGCCTCCACTGTATCCCT
GGTGTTCATCGTCGGCCTCCTGGCAACATGATGGTTGTGTTGATCCTCATAAAGTACAGGAAGCTGCAA
ATTATGACTAATATCTACCTACTCAACTGGCAATTTCTGACCTGCTCTTCTCTTCACTGTCCCATTCT
GGATTCATATGTTCTGTGGAATGAGTGGGGTTTTGGCCACTGCATGTGTAATGCTCTCTGGGCTTTA
TTACCTGGCCTTGTACAGCGAGATCTTTTTCATCATCCTGCTGACAATCGACAGGTACCTGGCTATCGTT
CATGCTGTGTTGGCCCTTCGAGCACGAACCTGTGACTTTTGCTACTATCACCAGCATCATCACTTGGGGTC
TTGAGTATTGGCAGCATTGCCTGAATTTATCTCCATGAGTCCCAAGACAATTTGGAGATCTTTCCTG
CAGTCCTCGTATCCAGAGGGCGAAGAAGACAGCTGGAAGCGTTCCATGCTCTAAGAATGAACATTTTT
GGTTTAGCTCTTCTCCTCATTATGGTTATCTGCTACTCAGGAATCATTAAACTCTGCTTAGATGCC
CCAATAAAAAAAAAACACAAGGCCATCCAGCTTATTTTTGTTGTCATGATAGCTTTTTTATTTTTGGAC
TCCATAAACCTGGTTCTTCTTGTCTGCTTTCCACAGCACATTTTTGGAGACCAGCTGTCAGCAGAGC
ATACACCTGGACCTGGCCATGCAAGTGACTGAGGTGATTACCCACACCCTGTATCAATCCAATA
TCTATGCCTTTGTGGTGAGAGGTTCCGGAAACACCTTCGGCTCTTTTTCCACAGAAATGTGGCAATCTA
CCTGAGAAAATATATTTCACTTCTGCGGAGAAAAGTGGAAAGAAAGCTCTGTCTCCCATCAACT
GGGGAGCAAGAAATCTCTGTGGTGTGGGGAGCAAGAAATCTCTGTGGTGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RR215247 representing NM_053958
Red=Cloning site Green=Tags(s)

MASNEEELKTVVETFETTPYEYEWAPPCEKVSIRELGSWLLPPLYSLVFIIVGLLGNMVVLILIKYRKLQ
 IMTNIYLLNLAISDLLFLFTVPFWIHYVLWNEWGFGHCCKMMLSGLYLALYSEIFFIILLTIDRYLAIV
 HAVLALRARTVTFATITSIITWGLAVLALPEFIFHESQDNFGDLSCSPRYPEGEEDSWKRFHALRMNIF
 GLALPLLIMVICYSGIIKTLRCPNKKKHAKAIQLIFVVMIVVFFIFWTPYNLVLLLSAFHSTFLETSCQQS
 IHLDLAMQVTEVITHTHCCINPIIYAFVGERFRKHLRLLFFHRNVAIYLRKYISFLPGEKLERLSSVSPST
 GEQEISVVFGQEISVVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1647_a07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_053958

ORF Size: 1077 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 Size: 1315 bp

RefSeq ORF: 1080 bp

Locus ID: 117027

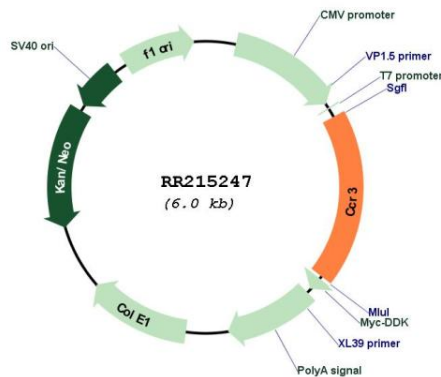
UniProt ID: [O54814](#)

Cytogenetics: 8q32

MW: 41.6 kDa

Gene Summary: chemokine receptor; may have a role in inflammation and HIV infection [RGD, Feb 2006]

Product images:



Circular map for RR215247