

## Product datasheet for MR224128

### Ccr3 (NM\_009914) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccr3 (NM\_009914) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ccr3  
**Synonyms:** CC-CKR3; CKR3; Cmkbr1l2; Cmkbr3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR224128 representing NM\_009914  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCATTCAACACAGATGAAATCAAGACTGTGGTTGAAAGCTTTGAGACCACACCCATGAATATGAGT  
 GGGCACCACCCTGTAAAAAGTCAGAATCAAAGAGCTGGGGTCATGGCTCCTGCCTCCACTGTACTCCCT  
 GGTGTTTCATCATCGCCCTCTGGCAACATGATGGTTGTGTTGATCCTCATAAAGTACAGGAAGCTACAA  
 ATTATGACTAATATCTACCTGTTCAACTGGCAATTTCTGACCTGCTCTTCTCTTCACTGTCCCATTCT  
 GGATTCATATGTTCTGTGGAATGAGTGGGTTTTGGCCACTACATGTGCAAAATGCTGTCTGGGTTTTA  
 TTACCTGGCCTTGACAGCGAGATCTTTTTTCATCATCCTGCTGACAATTGACAGATACCTGGCTATCGTC  
 CATGCTGTGTTTGCCTTCGAGCCCGAACTGTGACTTTTGCTACTATCACCAGTATCATTACCTGGGGCC  
 TTGAGGACTGGCAGCATTGCCTGAATTTATCTCCATGAGTCTCAAGACAGCTTTGGAGAGTTTTCTGT  
 CAGTCCTCGTATCCAGAGGGTGAAGAAGACAGCTGGAACGTTTCCATGCTCTAAGAATGAATATCTTT  
 GGTCTAGCTCTTCTCCTCATTATGGTTATCTGCTACTCAGGAATCATTAAACTCTGCTGAGATGTC  
 CCAATAAAAAAAAAACACAAGGCCATCCGCTTATTTTTGTTGTTATGATAGTCTTTTTATTTTTGGAC  
 CCCGTACAACCTGGTTCTCCTTTTTCTGCTTTTCACAGCACATTTTAGAGACCAGCTGTCAGCAGAGT  
 AAACATCTGGACTGGCCATGCAGGTGACTGAGGTGATTCCTACACCCACTGTGATTAATCCAGTAA  
 TCTACGCCTTTGTTGGTGAAGGTTCCGGAAACACCTTCGGCTCTTTTTCCACAGAAATGTGGCAGTTTA  
 CCTGGGAAAATATATTCCGTTTCTCTGGTGAGAAAATGGAAAGAACAAGCTCTGTCTCCCATCAACT  
 GGGGAGCAAGAAATCTCTGTGGTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTAA



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**Protein Sequence:** >MR224128 representing NM\_009914  
 Red=Cloning site Green=Tags(s)

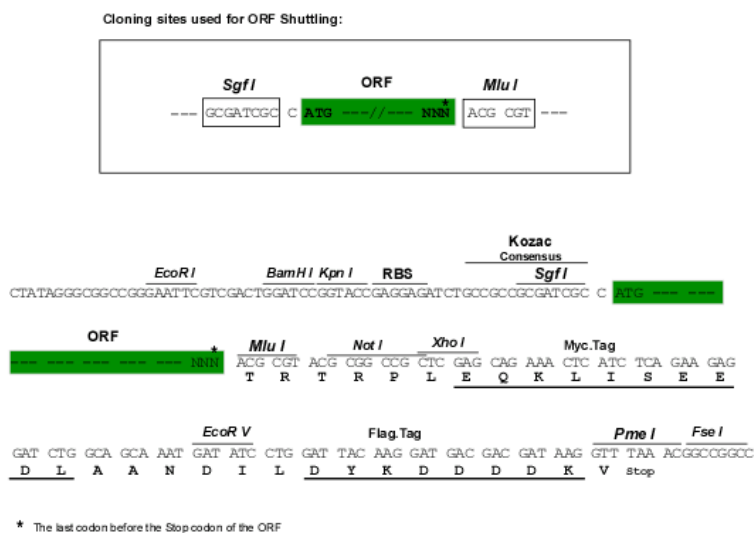
MAFNTDEIKTVVESFETTPYEYEWAPPCEKVKRIKELGSWLLPPLYSLVFIIGLLGNMMVVLLIKYRKLO  
 IMTNIYLFNLAISDLLFLFTVPFWIHYVLWNEWGFGHYMCKMLSGFYLYALYSEIFFIILLTIDRYLAIV  
 HAVFALRARTVTFATITSIITWGLAGLAALPEFIFHESQDSFGEFSCSPRYPEGEEDSWKRFFHALRMNIF  
 GLALPLLIMVICYSGIIKTLLRCPNKKKHKAIRLIFVVMIVVFFIFWTPYNLVLLFSAFHSTFLETSCQQS  
 KHLDLAMQVTEVIAYTHCCINPVIYAFVGERFRKHLRLLFFHRNAVYVLGKYIPFLPGEKMERTSSVSPST  
 GEQEISVVF

TRTRP**LEQKLISEEDLA**NDILDYKDDDDK**V**

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9026\\_f10.zip](https://cdn.origene.com/chromatograms/mm9026_f10.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_009914

**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:** [NM\\_009914.4](#), [NP\\_034044.3](#)

**RefSeq Size:** 3273 bp

**RefSeq ORF:** 1080 bp

**Locus ID:** 12771

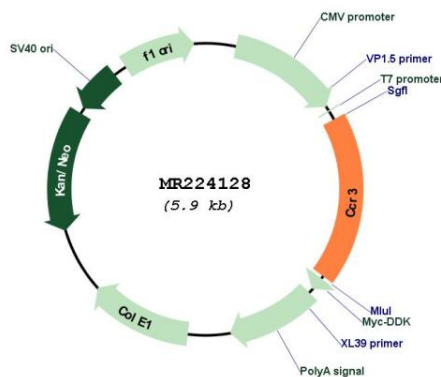
**UniProt ID:** [P51678](#)

**Cytogenetics:** 9 75.05 cM

**MW:** 42.2 kDa

**Gene Summary:** Receptor for a C-C type chemokine. Binds to eotaxin, MCP-3, MCP-4 and RANTES and subsequently transduces a signal by increasing the intracellular calcium ions level. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR224128