

Product datasheet for **MR205390**

Cx3cr1 (NM_009987) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cx3cr1 (NM_009987) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cx3cr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205390 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACCTCCTTCCCTGAACTGGATCTAGAGAATTTGAGTATGATGATTCTGCTGAGGCCTGTTATT
TGGGCGACATTGTGGCCTTTGGAACCATCTTCTGTCTGTCTTCTACGCCCTCGTCTTACGTTCCGGTCT
GGTGGGAAATCTGTTGGTGGTCCCTCGCTCTACCAACAGCCGGAAGCCAAAGAGCATCCCGACATCTAC
CTCCTGAACTGGCCTTGAGCGACCTGCTTTTGTGGCCACCTTGCCTTCTGGACTCACTACCTCATCA
GCCATGAGGGCCTCCACAATGCCATGTGCAAGCTCACGACTGCCTTCTTTCATTGGCTCTTTGGGG
CATATTCTTCATACCGTCATCAGCATCGACCGGTACCTCGCCATCGTCCTGGCCGCAACTCCATGAAC
AACC GGACAGTGCAGCACGGCGTCACCATTAGTCTGGGCGTCTGGGCGGCGGCCATCTTAGTGGCGTCAC
CCCAGTTCATGTTCAAAAGAGAAAGGACAACGAGTGTCTGGGTGACTACCCCGAGGTCCTGCAGGAAAT
GTGGCCCGTGTCCGCAACTCGGAAGTCAACATCCTGGGCTTCGCCCTGCCCTTGCTTATCATGAGCTTT
TGCTACTTCCGCATCATCCAGACGCTGTTTTCTGCAAGAATCGCAAGAAGGCCAGAGCCGTCAGACTCA
TCCTCCTGGTGGTCTTTGCCTTCTCCTCTTCTGGACACCATAACAATCATGATTTTCTGGAGACTCT
CAAGTTCTACAATCTTCCCCAGTTGTGACATGAAGAGGGACCTGAGGTTGGCCCTCAGTGTGACGGAG
ACAGTGGCGTTACGCCACTGTTGCCTCAACCCCTTATCTACGCCCTTGGCCGGGAAAAGTTCAGAAGAT
ACCTGGGACACCTGTATAGGAAGTGCCTGGCCGTCCTGTGCGGTATCCTGTCCACACCGGCTTCTCGCC
AGAGTCCCAGAGGAGCAGGCAGGACAGCATTCTGAGCAGTTTCACTCACTACACAAGCGAGGGAGATGGG
TCTCTCCTGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205390 protein sequence
Red=Cloning site Green=Tags(s)

MSTSFPELDLENFEYDDSAEACYLGDIVAFGTIFLSVFYALVFTFGLVGNLLVVLALTNSRKPKSITDIY
 LLNLALSDLLFVATLPFWTHYLISHEGLHNAMCKLTTAFFFIGFFGGIFFITVISIDRYLAIVLAANSMN
 NRTVQHGVITISLGVAAAAILVASPQFMFTKRKDNECLGDYPEVLQEMWPVLRNSEVNILGFALPLLIMSF
 CYFRIIQTLFSCKNRKKARAVRLILLVFAFFLFWTPYNIMIFLETCLKFYNNFFPSCDMKRDRLALSUTE
 TVAFSHCCLNPFYAFAGEKFRRYLGHLYRKCLAVLCGHPVHTGFSPESQRSRQDSILSSFTHYTSEG DG
 SLLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009987

ORF Size: 1065 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_009987.1](#), [NM_009987.2](#), [NM_009987.3](#), [NM_009987.4](#), [NP_034117.3](#)

RefSeq Size: 3753 bp

RefSeq ORF: 1065 bp

Locus ID: 13051

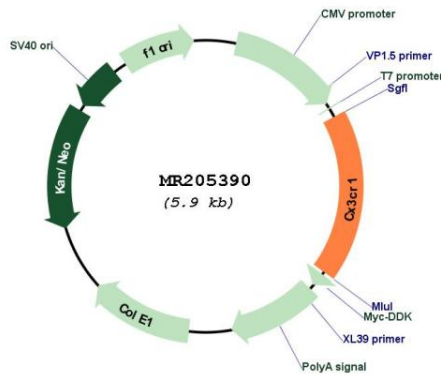
UniProt ID: [Q9Z0D9](#)

Cytogenetics: 9 F4

MW: 40.3 kDa

Gene Summary: Receptor for the CX3C chemokine fractalkine (CX3CL1); binds to CX3CL1 and mediates both its adhesive and migratory functions.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205390