

Product datasheet for **MG205390**

Cx3cr1 (NM_009987) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cx3cr1 (NM_009987) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cx3cr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205390 representing NM_009987 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACCTCCTTCCCTGAACTGGATCTAGAGAATTTGAGTATGATGATTCTGCTGAGGCCTGTTATT
TGGGCGACATTGTGGCCTTTGGAACCATCTTCTGTCTGTCTTCTACGCCCTCGTCTTACAGTTCGGTCT
GGTGGGAAATCTGTTGGTGGTCTCGCTCTACCAACAGCCGGAAGCCCAAGAGCATCACCGACATCTAC
CTCCTGAACTGGCCTTGAGCGACCTGCTCTTTGTGGCCACCTTGCCCTTCTGGACTCACTACATCA
GCCATGAGGGCCTCCACAATGCCATGTGCAAGCTCACGACTGCCTTCTTCTTATTGGCTCTTTGGGG
CATATTCTTCATACCGTCATCAGCATCGACCGGTACCTCGCCATCGTCCTGGCCGCAACTCCATGAAC
AACCGGACAGTGCAGCACGGCGTCACCATTAGTCTGGGCGTCTGGGCGGCGGCCATCTTAGTGGCGTCAC
CCCAGTTCATGTTCAAAAGAGAAAGGACAACGAGTGTCTGGGTGACTACCCCGAGGTCCTGCAGGAAAT
GTGGCCCGTGTCCGCAACTCGGAAGTCAACATCCTGGGCTTCGCCCTGCCCTTGCTTATCATGAGCTTT
TGCTACTTCCGCATCATCCAGACGCTGTTTTCTGCAAGAATCGCAAGAAGGCCAGAGCCGTCAGACTCA
TCCTCCTGGTGGTCTTTGCCTTCTCCTCTTCTGGACACCATAACAACATCATGATTTTCTGGAGACTCT
CAAGTTCTACAATTCTTCCCCAGTTGTGACATGAAGAGGGACCTGAGGTTGGCCCTCAGTGTGACGGAG
ACAGTGGCGTTACGCCACTGTTGCCTCAACCCCTTATCTACGCCCTTGGCCGGGAAAAGTTCAGAAGAT
ACCTGGGACACCTGTATAGGAAGTGCCTGGCCGTCCTGTGCGGTATCCTGTCCACACCGGCTTCTCGCC
AGAGTCCCAGAGGAGCAGGCAGGACAGCATTCTGAGCAGTTTCACTCACTACACAAGCGAGGGAGATGGG
TCTCTCCTGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205390 representing NM_009987
Red=Cloning site Green=Tags(s)

MSTSFPELDLENFEYDDSAEACYLGDIVAFGTIFLSVFYALVFTFGLVGNLLVVLALTNSRKPKSITDIY
 LLNLALSDLLFVATLPFWTHYLISHEGLHNAMCKLTTAFFFIGFFGGIFFITVISIDRYLAIVLAANSMN
 NRTVQHGVITISLGVAAAAILVASPQFMFTKRKDNECLGDYPEVLQEMWPVLRNSEVNILGFALPLLIMSF
 CYFRIIQTLFSCKNRKKARAVRLILLVFAFFLFWTPYNIMIFLETCLKFYNFFPSCDMKRDRLALSVTE
 TVAFSHCCLNPFYAFAGEKFRRYLGHLYRKCLAVLCGHPVHTGFSPESQSRQDSILSSFTHYSEG DG
 SLLL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009987

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_009987.3](#), [NP_034117.3](#)

RefSeq Size: 3729 bp

RefSeq ORF: 1065 bp

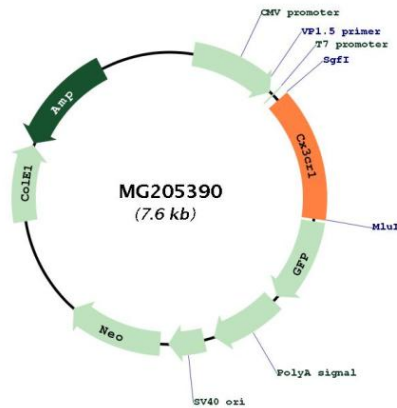
Locus ID: 13051

UniProt ID: [Q9Z0D9](#)

Cytogenetics: 9 F4

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 MG205390