

Product datasheet for MC212797

Cxcr1 (NM_178241) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cxcr1 (NM_178241) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cxcr1
Synonyms:	Il8ra
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212797 representing NM_178241 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAGGCTGAATATTTTCATCTGGACTAATCCTGAGGGTGACTTTGAGAAAGAATTTGAAATATCA
CGGGAATGCTGCCACTGGAGATTATTTTCATCCCTGTAAGAGAGTTCCAATAACCAACAGGCAGGCTTT
AGTTGTCTTTTATGCACTGGTGTCCCTTCTGAGCTTGCTGGAAACTCGTGGTATGCTGGTTATCTTA
TACAGGCGAAGGACCCGATCCGTCATGGATGTCTACGTGCTGAACCTAGCCATCGCCGACCTACTTTTT
CATTGACCCTGCCCTTCTGGCTGTCTCCAATGAAGGGCTGGATTTTTGGCACACCCCTGTGCAAGAT
GGTCTCACTCCTGAAGGAATCAACTTCTCAGTGGTATCCTGCTGCTGGCTGCATCAGTGTGGACCGA
TACCTGGCCATCGTCCATGCCACCCGTACGCTGGCCCGAAAGCGCTACTTGGTTAAATTCGTGTGCGTGG
GCATCTGGGGTCTATCTTTGATTCTGTCTGCTCTGCTTTTGTCTATCTCCGCCAGGCATATAAACATTCCG
TTCTGGTACAGTCTGCTATGAAGTCTGGGTGAAGCCACAACAGATTTTCGGATGACCTTGGGGGTCTG
TCCCACATATTTGGTTCCTCCTGCCGCTGCTCACTATGCTGGTCTGCTACGGGCTCACACTGCCATGC
TCTTTAAGACCCACATGAGGCAGAAACCCGGCCATGGGGTGATCTTTGCTGTGTGTGGTCTTCTT
GCTCTGTTGTCTGCCCTACAATCTGTTCTGCTCTCAGACACTCTTAGGAGCCCACTTGATTGAAGAT
ACTTGCGAACCGCAATGACATTGACCAGGCCCTGTATATTACTGAGATCCTGGGCTTTTCTCATAGTT
GTCTTAACCCTATCATCTATGCCTTCGTTGGCCAAAATTTTCGCCATGAATTCCTCAAGATCCTTGCTAA
CCATGGCCTGGTTCGCAAGGAGTTTTGACACACCGCCGTGTGCTTTTCATACGCTCTCACCGCTATT
TATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_178241
Insert Size:	1056 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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:	<u>NM_178241.4</u> , <u>NP_839972.1</u>
RefSeq Size:	1125 bp
RefSeq ORF:	1056 bp
Locus ID:	227288
UniProt ID:	<u>Q810W6</u>
Cytogenetics:	1 38.44 cM
Gene Summary:	Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activate a phosphatidylinositol-calcium second messenger system (By similarity). [UniProtKB/Swiss-Prot Function]