

Product datasheet for **RN206843**

Cxcr5 (NM_053303) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cxcr5 (NM_053303) Rat Untagged Clone
Tag: Tag Free
Symbol: Cxcr5
Synonyms: Blr1; NLR
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206843 representing NM_053303
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAC**CCCCGATATCGCTAGACATGGGCGCCATCACCTACAACATGGACGATCTGTACAAGGA**ACTGG
CCATCTACAGTAACAGCACGGAGATCCCC**TACAGGACAGTATCTTCTGTTCTACAGAGGAGGGGCCCT**
ACTGACTTCCTTTAAGACGATATTCATGCCTGTGGCTACAGCCTCATCTTCTCCTGGGTATGATGGGA
AACATCCTCGTACTGGTAACTCCTGGAGAGGCACCGGCACACTCGGAGCTCAACGGAGACCTTCTGTTC
ACCTGGCAGTAGCCGACCTTCTTGGTCTTCATCTTGCCTTTTGCAGTGGCTGAGGGCTCTGTGGTTG
GGTCTAGGGACCTTCTCTGCAAACTGTGATCGCCCTGCACAAGATCAATTTCTACTGCAGCAGCCTG
CTGCTGGCCTGCATAGCTGTGACCGTTATCTGGCCATCGTCCATGCCGTCCACGCCTACCGCCCGCC
GTCTCCTCTATCCACATCACCTGCTCGACTATTTGGCTAGCCGGCTTCTATTTGCCTTGCCAGA
CCTCTTTGCCAAGTTGTCCAACCTCATAACAACGAGTCCTTACCACAGTGCATCTTCTCCCAAGAAA
AAAGCCGAAACTAGAGCCTGGTTCGCCTCCCGTTTCTTACCACACTGGGGCTTCTGCTACCGATGC
TCGTGATGGCCTGGTGTATGTGGGAGTGTACACAGGCTATGCAGGCCAGCGGCCCTCAGAGGCA
GAAGGCAGTCAGGTGGCCATCTTGGTGACAAGCATCTTCTTCTGCTGGTCAACCTACCACATTGTC
ATCTTCTCGATACACTGAAAGGCTGAAGGCTGTGAACAGCAGTTGCGAATTGAGTGGCTACCTCTCAG
TGGCTATCACCTTATGTGAATCCTGGGCTGGCTCACTGCTGTCTCAATCCCATGCTCTACACCTTCG
TGGCGTAAAGTCCGCAGTACTTGTCTCGGCTTCTGACCAAGCTGGGCTGTGCTGGCCCGCCCTCCCT
TGTGAGCTCTTCCGGGCTGGCGAAGAGCAGTCTCTGAGTCAGAGAACGCTACTTCTTACCACCT
TCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053303
Insert Size:	1125 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_053303.1</u> , <u>NP_445755.1</u>
RefSeq Size:	1165 bp
RefSeq ORF:	1125 bp
Locus ID:	29363
UniProt ID:	<u>P34997</u>
Cytogenetics:	8q22
Gene Summary:	G-protein coupled receptor that may play a role in the nervous and immune systems [RGD, Feb 2006]