

## Product datasheet for RN201909

### Cxcr2 (NM\_017183) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cxcr2 (NM_017183) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cxcr2
Synonyms:	Cmkar2; Il8rb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201909 representing NM_017183 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGAGAAATCAGGGTGGATAATTTACGCTTGAAGACTTCTTCAGTGGAGATATTGACAGTTACAATT  
ACAGTTCTGACCCGCCCTTACTCTGTGATGCTGCCCCATGCCCTCAGCGAACCTAGATATCAACAG  
GTATGCTGTGGTTGTCATATACGTTCTGGTGACTTTGCTGAGTCTCGTGGGGAACCTCCCTGGTGATGCTG  
GCATCTTGTACAATCGAAGCACCTGCTCTGTTACCGACGCTACCTGCTGAACCTGGCCATTGCTGATC  
TGTTCTTTGCCCTGACCTTGCCCTGTCTGGGCTGCATCTAAAGTAAATGGATGGATTTTGGCTCATTCTCT  
GTGCAAGGTATTCTCGTTCCTGCAGGAGATTACCTTCTACAGCAGTGTCTGTTGCTAGCCTGCATCAGC  
ATGGACCGCTACCTGGCCATCGTCCACGCCACAAGTACACTGATCCAGAAGAGACACTTGGTCAAGTTTG  
TGTGCATCACCATGTGGTTTCTCTCACTAGTCTGTCCCTGCCCATCTTCATTCTTCGGACTACTGTTAA  
GGCAAACCCTTCTACCGTAGTCTGCTATGAGAATATAGGTAATAATACATCCAAGTGGAGGGTGGTACTG  
CGCATCTGCCTCAGACCTATGGCTTCCCTGCCGCTGCTCATCATGCTGTTCTGCTATGGGTTACAC  
TGCGCACGCTCTTAAGGCCACATGGGGCAGAAGCACCGGCCATGCGGGTCTATCTTTGCTGTGGTCTCT  
CGTCTTCTGCTGCTGGCTTCCCTACAACATTGCTGTTCCAGACACCCTCATGAGAACCAAGCTG  
ATCAAGGAGACCTGTGAACGCCAGAACGAGATTAACAAAGCTTTGGAAGCTACTGAGATTCTGGCTTCC  
TCCACAGCTGTCTTAACCCCATCATCTATGCCTTTATTGGCCAGAAATTCGCCATGGACTTCTCAAGAT  
CATGGCTAATTATGGCTTGTGCAAGGAGTTCTTAGCCAAGGAGGGCAGGCTCTTTTGTGGCTCT  
TCTTCAGCGAACACCTCCACTACCCTCTAA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_017183



<b>Insert Size:</b>	1080 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_017183.1, NP_058879.1</u>
<b>RefSeq Size:</b>	1324 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	29385
<b>UniProt ID:</b>	<u>P35407</u>
<b>Cytogenetics:</b>	9q33
<b>Gene Summary:</b>	chemokine receptor that binds I18, GRO/MGSA and neutrophil activating peptide-2; involved in the inflammatory response [RGD, Feb 2006]