

## Product datasheet for **SC119771**

### **CXCR1 (NM\_000634) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CXCR1 (NM_000634) Human Untagged Clone
Tag:	Tag Free
Symbol:	CXCR1
Synonyms:	C-C; C-C-CKR-1; CD128; CD181; CDw128a; CKR-1; CMKAR1; IL8R1; IL8RA; IL8RBA
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

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>OriGene sequence for NM_000634 edited
GAATTCGGCACGAGGCAGCTCCTACTGTTGGACACACCTGGCCGGTGCTTCAGTTAGATC
AAACCATTGCTGAAACTGAAGAGGACATGTCAAATATTACAGATCCACAGATGTGGGATT
TTGATGATCTAAATTTCACTGGCATGCCACCTGCAGATGAAGATTACAGCCCCTGTATGC
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TGAGCCTGCTGGGAAACTCCCTGGTGATGCTGGTCATCTTATACAGCAGGGTCGGCCGCT
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TGCCCATCTGGCCGCTCCAAGGTGAATGGCTGGATTTTTGGCACATTCTGTGCAAGG
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TGGTCAAGTTTGTGTTGCTTGGCTGCTGGGGACTGTCTATGAATCTGTCCCTGCCCTTCT
TCCTTTTCCGCCAGGCTTACCATCCAAACAATTCCAGTCCAGTTTGTATGAGGTCTGG
GAAATGACACAGCAAAATGGCGGATGGTGTGCGGATCCTGCCTCACACCTTTGGCTTCA
TCGTGCCGCTGTTTGTATGCTGTTCTGCTATGGATTACCCTGCGTACACTGTTAAGG
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GCCCTGCCTCAAGCTATGTGAGCTCACCAGTCCCTCCCAAAATGCTTTCCATGAGTTGCA
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TGTCTTGGTGCCTGGAGCCTACTAAATGCTCAATAAATAATGATCACAGGAAAAAAAAA
AAAAAAAAAACTCGAC
    
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_000634 unedited            NAAAAANNAANNAANNAANNAANNAANNAANNAANNTTGTTCAGAAATTTGTCATACGACTTATA            TAGGGCGGCCCGCAATTCGCACGAGGCAGCTCCTACTGTTGGACACACCTGGCCGGTGT            TCAGTTAGATCAAACCATTGCTGAAACTGAAGAGGACATGTCAAATATTACAGATCCACA            GATGTGGGATTTTGTATGATCTAAATTTCACTGGCATGCCACCTGCAGATGAAGATTACAG            CCCCTGTATGCTAGAAACTGAGACTCAACAAGTATGTTGTGATCATCGCCTATGCCCT            AGTGTTCCTGCTGAGCCTGCTGGGAAACTCCCTGGTGTGCTGGTCATCTTATACAGCAG            GGTGCGCCGCTCCGTCAGTGTCTACCTGCTGAACCTGGCCTTGGCCGACCTACTCTT            TGCCCTGACCTTGCCATCTGGGCCGCTCCAAGTGAATGGCTGGATTTTTGGACATT            CCTGTGAAGGTGGTCTCACTCCTGAAGGAAGTCAACTTCTACAGTGGCATCCTGCTGTT            GGCCTGCATCAGTGTGGACCGTTACCTGGCCATTGTCCATGCCACACGCACACTGACCCA            GAAGCGTCACTTGGTCAAGNTTGTCTTGGCTGCTGGGGACTGTCTATGAATCTGTC            CCTGCCCTTTTTCTTTCCGGCAGGCTTACCATTCCAACAATCCAGTCCAGTTTGCTA            TGAGGTCCTGGGAAATGACACAGCACAATGGCGGATGGTGTGCGGATCCTGCCTCACAC            CTTTGGCTTTATTGCGCCCGTTGTTGGCATGCTGTTCTGCTATGGGATCACCTTGGTA            CACTGTTTAAAGCCCAAGGNGGCCAAACACCGAGCCCTGAGGGGCATTTTTGGTGTGCG            CCTCACCTTCTGCTTGTGGGGCTACAACCTGGCCTGTGGGGACCCCTATGAGGAC            CCGGG</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_000634 unedited            GGGGGCCANNNNNGNNNCTCCNNNNNANNNNGGTCTTAGNACCGCGCCGATTTTAN            GATCGAGTTTTTTTTTTTTTTTTTTTTTCTGTGNACATTATTTATTGAGCATTTAGTAGGC            TCCAGGCACCAAGGAACATACAGTGAATAAACCGACAGGGCCCTGTCTCAAGGAGGGAA            AACAGACTAGGAAAAACTGCAACTCATGGAAAGCATTGGGGAGGGACTGGTGAGCTCA            CATAGCTTGAGGCAGGGCTATGCCTAGGCAAGGCCTAACCCAGAAGATGATGCTCACCTC            AGGGTGAAGCTGAGACTCCCTGGAGGAGCATTTCTTTTACTTGTGGACAAAGGGATCTT            CCTTGGCCAGGGGTATGGGCATGAACAGGAGTTTCTGTGCCTCAAGAGACTGTTCTAGCA            GGAGTTAAAGCCCAGGGAACACTGCCCTTCAACCCAGAGAGGTGCCTTCTTAGGAGGTG            CTGCCCCATTCTACTGCAGGAACAGCCAACAATGCTGCACACACCCTTGACTCTGTGAC            AACCAAGATACTTCCACAGGGACAAGCAGGAAACAGAAGCTTTATTAGGAACATCTGCCCT            GCCCAATGGACTGGTGGCTGCACATGGCTTTCTAGGGATGCTGATGCTGCACGCANCCTG            GAAGCTGCAGAGGGGAAGGGCTAAGGNCTGCTTGTCTCGTTCCACTTGGGGCTCAGCANG            TGCCAGCACATGTGTCTGCGATGNTGGTCATGGGGNTAAGGGGGTTCTGTGGCATAAA            ATCTGGCTTCAAACCTCTTTCTTTTGTTCATCCACCACCCAGGGGAACATGTGGTT            CCAGCTCCTCACAAGCCAACCTGGCANGTTGATGTTTTGGCAATGCCCTGCTAAATGCTCC            AACGAACCTGAACCAACCTGAAATGGGAAACCCCCCTGACCTGGATCAAACCCACAAA            GCCACCAGCTTGGGGCTTACCCTAACCTCAAAGTTGAGGGAAGCCCC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_000634
<b>Insert Size:</b>	2500 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><a href="#">NM_000634.2</a></u> , <u><a href="#">NP_000625.1</a></u>
<b>RefSeq Size:</b>	2502 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	3577
<b>UniProt ID:</b>	<u><a href="#">P25024</a></u>
<b>Cytogenetics:</b>	2q35
<b>Domains:</b>	7tm_1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis, Epithelial cell signaling in Helicobacter pylori infection
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. [provided by RefSeq, Jul 2008]</p>