

## Product datasheet for **SC328568**

### **CX3CR1 (NM\_001171171) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CX3CR1 (NM\_001171171) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CX3CR1  
**Synonyms:** CCRL1; CMKBRL1; CMKDR1; GPR13; GPRV28; V28  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC328568 representing NM\_001171171.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGATCAGTTCCCTGAATCAGTGACAGAAAACCTTTGAGTACGATGATTTGGCTGAGGCCTGTTATATT
GGGGACATCGTGGTCTTTGGGACTGTGTTCCCTGTCCATATTCTACTCCGTCATCTTTGCCATTGGCCTG
GTGGGAAATTTGTTGGTAGTGTGGCCCTCACCAACAGCAAGAAGCCCAAGAGTGTACCCGACATTTAC
CTCCTGAACCTGGCCTTGTCTGATCTGCTGTTTGTAGCCACTTTGCCCTTCTGGACTCACTATTTGATA
AATGAAAAGGGCCTCCACAATGCCATGTGCAAATTCACCTACCGCCTTCTTCTTCATCGGCTTTTTGGA
AGCATATTCTTCATCACCGTCATCAGCATTGATAGGTACCTGGCCATCGTCTGGCCGCAACTCCATG
AACCAACCGGACCGTGCAGCATGGCGTCACCATCAGCCTAGGCGTCTGGCAGCAGCCATTTTGGTGGCA
GCACCCAGTTTCATGTTCAAAAGCAGAAAGAAAATGAATGCCTTGGTACTACCCCGAGGTCTCCAG
GAAATCTGGCCCGTGTCCGCAATGTGGAAACAAATTTCTTGGCTTCTACTCCCCCTGCTCATTATG
AGTTATTGCTACTTCAGAATCATCCAGACGCTGTTTTCTGCAAGAACCACAAGAAAGCCAAAGCCATT
AACTGATCCTTCTGGTGGTTCATCGTGTGTTTCTCTTCTGGACACCCTACAACGTTATGATTTTCTG
GAGACGCTTAAGCTCTATGACTTCTTCCAGTTGTGACATGAGGAAGGATCTGAGGCTGGCCCTCAGT
GTGACTGAGACGGTTGCATTTAGCCATTGTTGCCTGAATCCTCTCATCTATGCATTTGCTGGGAGAAG
TTCAGAAGATACCTTTACCACCTGTATGGGAAATGCCTGGCTGTCTGTGGGCGCTCAGTCCAGTT
GATTTCTCTCATCTGAATCACAAAGGAGCAGGCATGGAAGTGTCTGAGCAGCAATTTACTTACCAC
ACGAGTGATGGAGATGCATTGCTCCTTCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001171171



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<b>Insert Size:</b>	1068 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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_001171171.1</a></u>
<b>RefSeq Size:</b>	3264 bp
<b>RefSeq ORF:</b>	1068 bp
<b>Locus ID:</b>	1524
<b>UniProt ID:</b>	<u><a href="#">P49238</a></u>
<b>Cytogenetics:</b>	3p22.2
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
<b>MW:</b>	40.4 kDa
<b>Gene Summary:</b>	<p>Fractalkine is a transmembrane protein and chemokine involved in the adhesion and migration of leukocytes. The protein encoded by this gene is a receptor for fractalkine. The encoded protein also is a coreceptor for HIV-1, and some variations in this gene lead to increased susceptibility to HIV-1 infection and rapid progression to AIDS. Four transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a. Variants 2, 3, and 4 all encode the same isoform.</p>