

Product datasheet for **SC302272**

CCXCR1 (XCR1) (NM_001024644) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCXCR1 (XCR1) (NM_001024644) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCXCR1
Synonyms:	CCXCR1; GPR5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302272 representing NM_001024644. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGTCCTCAGGCAACCCAGAGAGCACCACCTTTTTTACTATGACCTTCAGAGCCAGCCGTGTGAG
AACCAGGCCTGGGTCTTTGCTACCCTCGCCACCCTGTCTATACTGCCTGGTGTTCCTCCTCAGCCTA
GTGGGCAACAGCCTGGTCTGTGGGTCTGGTGAAGTATGAGAGCCTGGAGTCCCTACCAACATCTTC
ATCCTCAACCTGTGCCTCTCAGACCTGGTGTTCGCCTGCTTGTGCTGTGTGGTCTCCCATAACCAC
TGGGGTGGGTGTGGGAGACTTCTCTGCAAACCTCTCAATATGATCTTCTCCATCAGCCTCTACAGC
AGCATCTTCTTCTGACCATCATGACCATCCACCGCTACCTGTGGTAGTGAGCCCCCTCTCCACCCTG
CGCGTCCCACCCCTCCGCTGCCGGGTGCTGGTGACCATGGCTGTGTGGTAGCCAGCATCCTGTCCCTC
ATCCTCGACACCATCTTCCACAAGGTGCTTTCTTCGGGCTGTGATTATCCGAACCTCACGTGGTACCTC
ACCTCCGTCTACCAGCACAACCTCTTCTTCTGCTGTCCCTGGGGATTATCCTGTCTGCTACGTGGAG
ATCCTCAGGACCTGTTCCGCTCAGCTCCAAGCGGCCACCGCACGGTCAAGCTCATCTTCGCCATC
GTGGTGGCCTACTTCTCAGCTGGGGTCCCTACAACCTCACCTGTTTCTGCAGACGCTGTTTCGGACC
CAGATCATCCGGAGCTGCGAGGCCAAACAGCAGCTAGAATACGCCCTGCTCATCTGCCGAACTCGCC
TTCTCCACTGCTGCTTTAACCCGGTGTCTATGTCTTCGTGGGGTCAAGTCCGCACACACCTGAAA
CATGTTTCCGGCAGTTCTGGTCTGCGGCTGCAGGCACCCAGCCAGCCTCGATCCCCACTCCCCCT
GGTGCCTTCGCCTATGAGGGCGCCTCCTTCTACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001024644
Insert Size:	1002 bp



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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).
OTI Annotation:	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.
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:	NM_001024644.1
RefSeq Size:	1251 bp
RefSeq ORF:	1002 bp
Locus ID:	2829
UniProt ID:	P46094
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
MW:	38.5 kDa
Gene Summary:	<p>The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains and numerous conserved amino acids. This receptor is most closely related to RBS11 and the MIP1-alpha/RANTES receptor. It transduces a signal by increasing the intracellular calcium ions level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Several alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Apr 2020]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' UTR, as compared to variant 1. Variants 1 and 2 encode the same protein.</p>