

Product datasheet for **SC116839**

CCXCR1 (XCR1) (NM_005283) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCXCR1 (XCR1) (NM_005283) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCXCR1
Synonyms:	CCXCR1; GPR5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116839 sequence for NM_005283 edited (data generated by NextGen Sequencing)

```

ATGGAGTCTCCTCAGGCAACCCAGAGAGCACCACCTTTTTTACTATGACCTTCAGAGCCAG
CCGTGTGAGAACCAGCCTGGGTCTTTGCTACCCTCGCCACCCTGTCTATACTGCCTG
GTGTTTCTCCTCAGCCTAGTGGGCAACAGCCTGGTCTGTGGGTCTGGTGAAGTATGAG
AGCCTGGAGTCCCTACCAACATCTTCATCCTCAACCTGTGCCTCTCAGACCTGGTGTC
GCCTGCTTGTGCCTGTGTGGATCTCCCCATACTGGGGCTGGGTGCTGGGAGACTTC
CTCTGAAACTCCTCAATATGATCTTCTCCATCAGCCTCTACAGCAGCAGCTTCTCCTG
ACCATCATGACCATCCACCGCTACCTGTCGGTAGTGAGCCCCCTCCACCCTGCGCGTC
CCCACCCTCCGCTGCCGGGTGCTGGTGACCATGGCTGTGTGGGTAGCCAGCATCTGTCC
TCCATCCTCGACACCATCTCCACAAGGTGCTTTCTTCGGGCTGTGATTATCCGAACTC
AGTGTTACCTCACCTCCGCTACCTACCAGCACAACTCTTCTTCTCCTGCTGTCCCTGGGGATT
ATCCTGTTCTGCTACGTGGAGATCCTCAGGACCCTGTTCCGCTCACGCTCCAAGCGGCGC
CACCACACGGTCAAGCTCATCTTCGCCATCGTGGTGGCCTACTTCTCAGCTGGGGTCCC
TACAACTTCACCTGTTTCTGCAGACGCTGTTTCGGACCCAGATCATCCGGAGCTGCGAG
GCCAAACAGCAGCTAGAATACGCCCTGCTCATCTGCCGCAACCTCGCCTTCTCCACTGC
TGCTTTAACCCGGTGCTCTATGTCTTCGTGGGGTCAAGTTCCGCACACACCTGAAACAT
GTTCTCCGGCAGTCTGGTTCTGCCGGCTGCAGGCACCCAGCCAGCCTCGATCCCCCAC
TCCCTGGTGCCTTCGCCTATGAGGGCGCCTCCTTCTACTGA

```

Clone variation with respect to NM_005283.2
350 t=>g



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005283 unedited TTTGGGCAATTACGGGATTTGTNAAACGATTTACTATAGGCGGCCGCCAGTCGTGATGG AATCTGCAGAATCGCCCTTATGGAGTCCTCAGGCAACCCAGAGAGACCACCTTTTTTTA CTATGACCTTCAGAGCCAGCCGTGTGAGAACAGGCCTGGGTCTTTGCTACCCTCGCCAC CACTGTCTATACTGCCTGGTGTTCCTCAGCCTAGTGGGCAACAGCCTGGTCTGTG GGTCTGGTGAAGTATGAGAGCCTGGAGTCCCTACCAACATCTTCATCCTCAACCTGTG CCTCTCAGACCTGGTGTTCGCGCTTGTGCTGTGGATCTCCCCATACCACCTGGGG CTGGGTGCTGGGAGACTTCTCTGCAAACCTCTCAATATGATCTTCTCCATCAGCCTCTA CAGCAGCAGCTTCTTCTGACCATCATGACCATCCACCGCTACCTGTCGGTAGTGAGCCC CCTCTCCACCCTGCGCGTCCCCACCCTCCGCTGCCGGGTGCTGGTGACCATGGCTGTGTG GGTAGCCAGCATCTGTCTCCATCCTCGACACCATCTCCACAAGGTGCTTTCTTCGGG CTGTGATTATCCGAACACAGTGGTACCTCACCTCCGCTACCAGCACAACTCTTCTT CCTGCTGCCCTGGGATTATCCTGTTCTGCTACGTGGAGATCCTCANGACCCTGTTCCG CTCAGCTCCAAGCGGCCACCGCACGGTCAAGCTCATCTTCGACATCGTGGTGGCCTA CTTCTCAGCTGGTCCCTACAACCTCACCTGTTTCTGCAGACGCTGTTTCGGGACCCA GATCATCCCGGAGCTGCG
Restriction Sites:	Please inquire
ACCN:	NM_005283
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:	NM_005283.2 , NP_005274.1
RefSeq Size:	1373 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

Gene Summary:

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]

Transcript Variant: This variant (1) represents the longer transcript.