

Product datasheet for **SC330963**

C5L2 (C5AR2) (NM_001271750) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C5L2 (C5AR2) (NM_001271750) Human Untagged Clone
Tag: Tag Free
Symbol: C5AR2
Synonyms: C5L2; GPF77; GPR77
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330963 representing NM_001271750.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

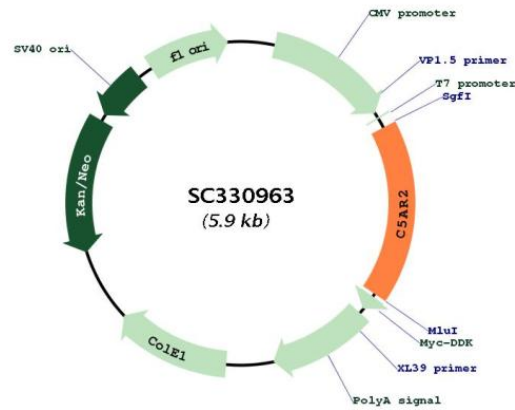
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ATGGGGAACGATTCTGTCTGACGCTACGAGTATGGGGATTACAGCGACCTCTCGGACCGCCCTGTGGACTGC
CTGGATGGCGCCTGCCTGGCCATCGACCCGCTGCGCGTGGCCCCGCTCCCACTGTATGCCGCCATCTTC
CTGGTGGGGGTGCCGGGCAATGCCATGGTGGCCTGGGTGGCTGGGAAGGTGGCCCGCGGAGGGTGGGT
GCCACCTGGTTGCTCCACCTGGCCGTGGCGGATTTGCTGTCTGTTTGTCTCTGCCCATCTGGCAGTG
CCCATTGCCCGTGGAGGCCACTGGCCGTATGGTGCAGTGGGCTGTGGGGCGTGCCCTCCATCATCTG
CTGACCATGTATGCCAGCGTCTCTCTGGCAGCTCTCAGTGGCGACCTCTGTTCTGGCTCTCGGG
CCTGCCTGGTGGTCTACGGTTCAGCGGGCGTGGGGGTGCAGGTGGCCTGTGGGGCAGCCTGGACTG
GCCTTGCTGCTCACCGTGCCTCCGCCATCTACCGCCGGCTGCACCAGGAGCACTTCCCAGCCCCGGCTG
CAGTGTGTGGTGGACTACGGCGGCTCTCCAGCACCGAGAATGCGGTGACTGCCATCCGGTTTTTTTTT
GGCTTCTGGGGCCCCTGGTGGCCGTGGCCAGTGGCACAGTGCCTCTGTGCTGGGCAGCCCCGACGC
TGCCCGCCGCTGGGCACAGCCATTGTGGTGGGGTTTTTTGTCTGCTGGGCACCCTACCACCTGCTGGGG
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GTGGGCCCTTGCCTCGCTCACAGCTGCCTCAATCCCATGCTTCTCTGTATTTGGGAGGGCTCAACTC
CGCCGGTCACTGCCAGTGCCTGTCACTGGGCCCTGAGGGAGTCCCAGGGCCAGGACGAAAGTGTGGAC
AGCAAGAAATCCACCAGCCATGACCTGGTCTCGGAGATGGAGGTGTAG
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001271750

Insert Size: 1014 bp

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:

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_001271750.1](#)

RefSeq Size:	1357 bp
RefSeq ORF:	1014 bp
Locus ID:	27202
UniProt ID:	Q9P296
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	36.1 kDa
Gene Summary:	<p>This gene encodes a G-protein coupled receptor 1 family member involved in the complement system of the innate immune response. Unlike classical G-protein coupled receptors, the encoded protein does not associate with intracellular G-proteins. It may instead modulate signal transduction through the beta-arrestin pathway, and may alternatively act as a decoy receptor. This gene may be involved in coronary artery disease and in the pathogenesis of sepsis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.</p>