

Product datasheet for **SC330962**

C5L2 (C5AR2) (NM_001271749) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C5L2 (C5AR2) (NM_001271749) Human Untagged Clone
Tag:	Tag Free
Symbol:	C5L2
Synonyms:	C5L2; GPF77; GPR77
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001271749, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAACGATTCTGTCTGACGCTACGAGTATGGGGATTACAGCGACCTCTCGGACCGCCCTGTGGACTGCC  
TGGATGGCGCCTGCCTGGCCATCGACCCGCTGCGCGTGGCCCCGCTCCCCTGTATGCCGCCATCTTCT  
GGTGGGGGTGCCGGCAATGCCATGGTGGCCTGGGTGGCTGGGAAGGTGGCCCGCCGGAGGGTGGGTGCC  
ACCTGGTTGCTCCACCTGGCCGTGGCGGATTTGCTGTGCTGTTTGTCTCTGCCCATCTGGCAGTGCCCA  
TTGCCCGTGGAGGCCACTGGCCGTATGGTGCAGTGGGCTGTGGGCGCTGCCCTCCATCATCCTGCTGAC  
CATGTATGCCAGCGTCTGCTCCTGGCAGCTCTCAGTGGCAGCTCTGCTTCTGGCTCTCGGGCCTGCC  
TGGTGGTCTACGGTTTCAGCGGGCTGCGGGGTGCAGGTGGCCTGTGGGGCAGCCTGGACTGGCCTTGC  
TGCTCACCGTGGCCTCCGCCATCTACCGCGGCTGCACCAGGAGCACTCCAGCCCGGCTGCAGTGTGT  
GGTGGACTACGGCGGCTCCTCCAGCACCAGAATGCGGTGACTGCCATCCGGTTTCTTTTGGCTTCTGT  
GGGCCCCCTGGTGGCCGTGGCCAGCTGCCACAGTGGCCTCCTGTGCTGGGCAGCCGACGCTGCCGGCCGC  
TGGGCACAGCCATTGTGGTGGGGTTTTTGTCTGCTGGGCACCCTACCACCTGCTGGGGCTGGTGTCTAC  
TGTGGCGGCCCGAACTCCGACTCCTGGCCAGGGCCCTGCGGGCTGAACCCCTCATCGTGGGCCTTGC  
CTCGCTCACAGCTGCCTCAATCCCATGCTCTTCTGTATTTTGGGAGGGCTCAACTCCGCCGGTCACTGC  
CAGCTGCCTGTCACTGGGCCCTGAGGGAGTCCCAGGGCCAGGACGAAAGTGTGGACAGCAAGAAATCCAC  
CAGCCATGACCTGGTCTCGGAGATGGAGGTGTAG
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271749



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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).
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:	<u>NM_001271749.1</u> , <u>NP_001258678.1</u>
RefSeq Size:	1434 bp
RefSeq ORF:	1014 bp
Locus ID:	27202
UniProt ID:	<u>Q9P296</u>
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome, GPCR, Transmembrane
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 (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.</p>