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Product datasheet for SC113456

C5L2 (C5AR2) (NM_018485) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C5L2 (C5AR2) (NM_018485) Human Untagged Clone
Tag:	Tag Free
Symbol:	C5L2
Synonyms:	C5L2; GPF77; GPR77
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC113456 sequence for NM_018485 edited (data generated by NextGen Sequencing)

ATGGGGAACGATTCTGTCAGCTACGAGTATGGGGATTACAGCGACCTCTCGGACCGCCCT
GTGGACTGCCTGGATGGCGCCTGCCTGGCCATCGACCCGCTGCGCGTGGCCCCGCTCCCA
CTGTATGCCGCCATCTTCCTGGTGGGGGTGCCGGGCAATGCCATGGTGGCCTGGGTGGCT
GGGAAGGTGGCCCGCCGGAGGGTGGGTGCCACCTGGTTGCTCCACCTGGCCGTGGCGGAT
TTGCTGTGCTGTTTGTCTCTGCCCATCCTGGCAGTGCCCATTGCCCGTGGAGGCCACTGG
CCGTATGGTGCAGTGGGCTGTCGGGCGCTGCCCTCCATCATCCTGCTGACCATGTATGCC
AGCGTCCTGCTCCTGGCAGCTCTCAGTGCCGACCTCTGCTTCCTGGCTCTCGGGCCTGCC
TGGTGGTCTACGGTTCAGCGGGCGTGCGGGGTGCAGGTGGCCTGTGGGGCAGCCTGGACA
CTGGCCTTGCTGCTCACCGTGCCCTCCGCCATCTACCGCCGGCTGCACCAGGAGCACTTC
CCAGCCCGGCTGCAGTGTGTGGTGGACTACGGCGGCTCCTCCAGCACCGAGAATGCGGTG
ACTGCCATCCGGTTTCTTTTTGGCTTCCTGGGGCCCCTGGTGGCCGTGGCCAGCTGCCAC
AGTGCCCTCCTGTGCTGGGCAGCCCGACGCTGCCGGCCGCTGGGCACAGCCATTGTGGTG
GGGTTTTTTGTCTGCTGGGCACCCTACCACCTGCTGGGGCTGGTGCTCACTGTGGCGGCC
CCGAACTCCGCACTCCTGGCCAGGGCCCTGCGGGCTGAACCCCTCATCGTGGGCCTTGCC
CTCGCTCACAGCTGCCTCAATCCCATGCTCTTCCTGTATTTTGGGAGGGCTCAACTCCGC
CGGTCACTGCCAGCTGCCTGTCACTGGGCCCTGAGGGAGTCCCAGGGCCAGGACGAAAGT
GTGGACAGCAAGAAATCCACCAGCCATGACCTGGTCTCGGAGATGGAGGTGTAG

Clone variation with respect to NM_018485.1

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018485 unedited
GTTAAAATTTGTATACGACTCACTATAGGCGGCCGCGATTCGGCACGAGGGCCACGTGCT
GGACAAATCTTAACTCCTCAAGGACTCCCAAAACCAGAGACACCAGGAGCCTGAATGGGG
AACGATTCTGTCAGCTACGAGTATGGGGATTACAGCGACCTCTCGGACCGCCCTGTGGAC
TGCCTGGATGGCGCCTGCCTGGCCATCGACCCGCTGCGCGTGGCCCCGCTCCCACTGTAT
GCCGCCATCTTCCTGGTGGGGGTGCCGGGCAATGCCATGGTGGCCTGGGTGGCTGGGAAG
GTGGCCCGCCGGAGGGTGGGTGCCACCTGGTTGCTCCACCTGGCCGTGGCGGATTTGCTG
TGCTGTTTGTCTCTGCCCATCCTGGCAGTGCCCATTGCCCGTGGAGGCCACTGGCCGTAT
GGTGCAGTGGGCTGTCGGGCGCTGCCCTCCATCATCCTGCTGACCATGTATGCCAGCGTC
CTGCTCCTGGCAGCTCTCAGTGCCGACCTCTGCTTCCTGGCTCTCGGGCCTGCCTGGTGG
TCTACGGTTCAGCGGGCGTGCGGNGTGCAGGTGGCCTGTGGGGCAGCCTGGACACTGGCC
TTGCTGCTCACCGTGCCCTCCGCCATCTACCGCCGGCTGCACCAGGAGCACTTCCCAGCC
CGGCTGCAGTGTGTGGTGGACTACGGCGGCNTCCTCAGCACCCGAGATGCGGTGACTGCC
ATCCGGTTTCTTTTTGGCTTCCTGGGGCCCCTGGTGGGCCGTGCCAGCTGCCCAGTGCCC
TCCTGTGCTGGNCAGNCCGACGCTGCCGGNNCGCTGGCACAGCCATTGTGGTGGGGTTTT
TTGTCTGCTGGGCACCTACACCTGCTGNGGCTGTGCTCACTGTTGCGGCCCCGAACTCGC
CTTCTGGCCAGGGCCTGCGGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018485 unedited
TGGCCGCGGCCGCATTCTANATCGAGTTTTTTTTTTTTTTTTTGACTTAAAACATACAA
ATGTATTTTCTTAAAGGTCTGCGGATCAGAGGTCTAAAAGTGTCAGGAGGTCTGTGTTCC
CTCTGGGAGCTTCAGAGAGAATCTGTTTCCTTGTCTGTTTCAGCTTCTGGAAGCTGCCTG
CATTTCTTGGCACCTCCTCACGTCACTATGACATCTGCTTCCGTTGTCACCTCCTGTGAC
TGACCCTGACCCTCCTGCCTCCCTCTTAAAAGGACCCTCGTGACTCCATTGAGCCCACCC
AGACAATCCAGGATAACCACCCCTTCTCAAGATCCTTTACTTAATCTCACCTGCAAAGCC
CCTTTTGCCATGGAAGGTCACCTCTTCACAGGTTCAGGGGATTAAGATGTGGACATCACC
GGGGGTCATGATCCTGATTGCTACAGGGTCTGACAAGCTAGAGAGTAAGTGTGTCCAGTG
GTGGAGAGAAGCCTTGAATGCCGAGCTAAGGAGCCTGGACTTGGCCTTTCCTTCCAAATA
GATGCATGATCTGTTACCCTTTACCACCTCAGCTCTGTTACCCTGATCCAAATCGCTATC
ACCTCCTGCTTGGACCATTACAGCAGCCCCCCCTCTGGGATCTTCACTGCCCCTACACCA
TACTCTCCCCTCCACCAGCAACCAGAGGGATCCTATTAAAATCTTTTGCGGGGGGCGCCG
CCCCACCTCCTTCTCCCTCCCCCCCCCCACCCCCTCTTCCTCCTTCTCCCCTCCCACCCC
CCCCCCTTTCCCCGCTTTCCCTTTTTCATTCTTCCCCCTTCTTTCCCCACCCTCTCTTCT
CGCTTCCCCACCCCCCTTCCCTTCCACCCCACCTACTTTTCCTTTCCCTCCGTCCCTTTC
GCCCCCGCCGTCTCTCCGCTTCACACCTCCTCGTCCCTCCTTCCCCCGCTATCCTTCCCT
TTTCCCGCTCCCCCTATTTTCCGTCCCCTTCCG

Restriction Sites: NotI-NotI

ACCN: NM_018485

Insert Size: 2180 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_018485.1, NP_060955.1
RefSeq Size:	1287 bp
RefSeq ORF:	1014 bp
Locus ID:	27202
UniProt ID:	Q9P296
Cytogenetics:	19q13.32
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	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] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein.