

Product datasheet for **SC319736**

C3AR1 (NM_004054) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3AR1 (NM_004054) Human Untagged Clone
Tag:	Tag Free
Symbol:	C3AR1
Synonyms:	AZ3B; C3AR; HNFAG09
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_004054.2
 ACTGTGGCTAAGTGTGGGGACCAGACAGGACTCGTGGAGACATCCAGGTGCTGAAGCCTT
 CAGCTACTGTCTCAGTTTTTTGAAGTTTAGCAATGGCGTCTTTCTCTGCTGAGACCAATT
 CAACTGACCTACTCTCACAGCCATGGAATGAGCCCCAGTAATTTCTCCATGGTCATTC
 TCAGCCTTACTTTTTACTGGGATTGCCAGGCAATGGGCTGGTGTGTGGGTGGCTGGCC
 TGAAGATGCAGCGGACAGTGAACACAATTTGGTTCCTCCACCTCACCTTGGCGGACCTCC
 TCTGCTGCCTCTCCTTGGCCCTTCTCGCTGGCTCACTTGGCTCTCCAGGGACAGTGGCCCT
 ACGGCAGGTTCCCTATGCAAGCTCATCCCCTCCATCATTGTCCTCAACATGTTTGCCAGTG
 TCTTCCTGCTTACTGCCATTAGCCTGGATCGCTGTCTTGTGGTATTCAAGCCAATCTGGT
 GTCAGAATCATCGCAATGTAGGGATGGCCTGCTCTATCTGTGGATGTATCTGGTGGTGG
 CTTTTGTGATGTGCATTCTGTGTTCTGTGTACCGGAAATCTTCACTACAGACAACCATA
 ATAGATGTGGCTACAAAATTTGGTCTCTCCAGCTCATTAGATTATCCAGACTTTTTATGGAG
 ATCCACTAGAAAACAGGTCTCTTGAACATTGTTAGCCCGCTGGAGAAATGAATGATA
 GGTTAGATCCTTCTTCCAAACAAATGATCATCCTTGGACAGTCCCCACTGTCTTCC
 AACCTCAAACATTTCAAAGACCTTCTGCAGATTACTCCCTAGGGGTTCTGCTAGGTTAA
 CAAGTCAAATCTGTATTCTAATGTATTTAAACCTGCTGATGTGGTCTCACCTAAAATCC
 CCAAGTGGGTTTCTATTGAAGATCACGAAACCAGCCCACTGGATAACTCTGATGCTTTTT
 TCTCTACTCATTTAAAGCTGTTCCCTAGCGCTTCTAGCAATTCCTTCTACGAGTCTGAGC
 TACCACAAGGTTTCCAGGATTATTACAATTTAGGCCAATTCACAGATGACGATCAAGTGC
 CAACACCCTCGTGGCAATAACGATCACTAGGCTAGTGGTGGGTTTCTGCTGCCCTCTG
 TTATCATGATAGCCTGTTACAGCTTCATTGTCTCCGAATGCAAAGGGCCGCTTCGCCA
 AGTCTCAGAGCAAAAACCTTTGAGTGGCGTGGTGGTGGTGGCTGTCTTTCTTGTCTGCT
 GGACTCCATACCACATTTTTGGAGTCTGTCTTACTGACTGACCCAGAAACTCCCTTGG
 GGAAAACCTGATGTCTGGGATCATGTATGCATTGCTCTAGCATCTGCCAATAGTTGCT
 TTAATCCCTTCTTTATGCCCTTGGGGAAAAGATTTTAGGAAGAAAGCAAGGCAGTCCA
 TTCAGGGAATTCTGGAGGACGCTTCAAGTGGAGGCTCACACGTTCCACCCACTGTCCCT
 CAAACAATGTCATTTAGAAAGAAATAGTACAAGTGTGAAAATGTGGAGCAGCCAAACA
 AGCAGGGGCTCTTAGGCAATCACATAGTAAAGTTTATAAGAGGATGAAGTATATGGTG
 AGCAGCGGACTTCAAAAAGTGTCAAAGAATCAATCCAGCGGTTCTCAAACGGTACACAGA
 CTATTGACATCAGCATCACCTAGAAACTGTTAGAAATGCAAATTTCTCAAGCCGCATCCC
 AGACTTGTGAATCGGAATCTCTGGGGTGGGACCCAGCAAGGGCACTTAACAAACCT
 CGTTTCTGATTAATGCTAAATGTAAGAATCATTGTAACATTAGTTCTATTTCTATCCCA
 AACTAAGCTATGTGAAATAGAGAAAGCTACTTTGTTTTAAATGATGTTGAATATTTGTC
 GATATTTCCATCATTAATTTTTCTTAGCATTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAA

Restriction Sites: Please inquire

ACCN: NM_004054

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_004054.2 , NP_004045.1
RefSeq Size:	1985 bp
RefSeq ORF:	1449 bp
Locus ID:	719
UniProt ID:	Q16581
Cytogenetics:	12p13.31
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Complement and coagulation cascades, Neuroactive ligand-receptor interaction
Gene Summary:	<p>C3a is an anaphylatoxin released during activation of the complement system. The protein encoded by this gene is an orphan G protein-coupled receptor for C3a. Binding of C3a by the encoded receptor activates chemotaxis, granule enzyme release, superoxide anion production, and bacterial opsonization. [provided by RefSeq, May 2016]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>