

## Product datasheet for **RN210813**

### **C3ar1 (NM\_032060) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C3ar1 (NM_032060) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C3ar1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210813 representing NM\_032060  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGTCTTTACTGCTGACACCAACTCAACTGACCTACACTCACGGCCTCTGTTTAAACCCCAAGACA  
 TTGCCTCCATGGTCATTCTCAGTCTCAGTGTTTATTGGGACTGCCAGGCAATGGGCTGGTGTGGGT  
 CGCTGGCGTAAAGATGAAGAGGACCGTGAACACAGTCTGGTTCCTCCACCTCACCTGGCCGATTTCCTC  
 TGCTGCCTCTCCTTGCCCTTCTCCGTGGCTCACCTGATTCTCCGAGGACTGGCCCTATGGCTTGTTC  
 TGTGCAAACCTTATCCCGTCCGTCATTATCCTCAACATGTTTGCCAGTGTCTTCTGCTTACTGCCATTAG  
 CCTGGACCGCTGTCTGATGGTGCACAAGCCGATCTGGTCCAGAACCATCGGAGCGTGAGAACAGCCTTC  
 GCCGTCTGTGGATGCGTCTGGGTGGTAACCTTTGTGATGTGTATACCGGATTTGTATACCGTGTCTGC  
 TCGTTGTGGATGATTACAGTGTATGTGGCTATAACTTTGATTCTCCAGGGCATATGATTATTGGGACTA  
 CATGTACAATTCACATCTACCAGAAATCAACCCTCTGACAACTCCACTGGACATGTGGATGACAGGACA  
 GCTCCTTCTCCTCTGTACCAGCAAGGGACCTTTGGACAGCTACCACTGCTCTCCAGTCACAAACGTTCC  
 ACACATCTCTGAAGACCCATTCTCTCAAGACTCAGCAAGTCAGCAACCCATTATGGGGGAAGCCTCC  
 TACTGTGCTCATAGCCACCATACCCGGCGGGTTTCTGTTGAAGATCATAAATCCAACACTGAACACT  
 GGTGCTTTTCTCTCTGCCACACAGAGCCGTCCTCACTGCTTCTAGCAGTCCTTTATACGCCCATGATT  
 TCCCGGATGATTATTTGACCAACTGATGTATGGCAATCACGCGTGGACACCTCAGGTGGCAATCACCAT  
 CTCGAGGCTGGTGGTGGCTTCTGGTGCCTTTTTCATCATGATAACCTGTTACAGCCTCATCGTCTTC  
 AGAATGCGAAAAACCACTCACCAAGTCGAGGAACAAAACCTTCGGGTGGCCGTGGCGGTGGTCACCG  
 TCTTTTGTCTGCTGGATTCCATACCATATTGTTGGAATCCTGTTAGTGATTACTGACCAAGAAAGCGC  
 CTTGAGAGAAGTTGTGCTACCCTGGGACCACATGTCCATTGCTTTAGCATCTGCCAATAGTTGTTTCAAC  
 CCTTCTTTTATGCCCTCTGGGAAAAGACTTCAGGAAGAAAGCAAGACAGTCCGTAAGGGCATTCTGG  
 AAGCAGCTTCAGCGAAGAGCTCACGCACTCTACCAGTTGTACCCAGGACAAAGCCCTCAAAAAGAAA  
 CCATATGAGTACGGATGT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-RsrII

**ACCN:** NM\_032060

**Insert Size:** 1422 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\\_032060.1](#), [NP\\_114449.1](#)  
RefSeq Size: 2093 bp  
RefSeq ORF: 1422 bp  
Locus ID: 84007  
UniProt ID: [O55197](#)  
Cytogenetics: 4q42  
Gene Summary: receptor for anaphylatoxin complement component C3a, [RGD, Feb 2006]