

## Product datasheet for RN211458

### C5ar1 (NM\_053619) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C5ar1 (NM_053619) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C5ar1
Synonyms:	C5r1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211458 representing NM_053619 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCCATAAGTAACGACAGCAGTGAAATCACCTATGATTACTCTGATGGAACCCAAATCCTGACA  
TGCCTGCAGATGGCGTTTACATCCGAAGATGGAACCTGGGGACATTGCAGCCCTTATTACTACTTGGC  
CGTGTTCCTGGTAGGAGTTACCGGAAATGCCCTGGTGGTGGGTGACAGCCTTTGAGGCCAAACGTA  
GTCAACGCCATTTGGTTTCTGAATCTGGCGGTGGCCGACCTCCTCTCGTGCTTGGCACTGCCTATCCTGT  
TTACGTCCATTGTAAGCATAACCACTGGCCCTTCGGTGACCAGGCCTGTATAGTCCTGCCCTCGCTCAT  
TCTGCTCAACATGTAAGCATAACCACTGGCCCTTCGGTGACCAGGCCTGTATAGTCCTGCCCTCGCTCAT  
AAACCCATCTGGTGTGAGAAATTCGCGCCGCTGGCCCTGGCTGGATGGCTTGGCGAGTAACCTGGGTCT  
TAGCATTGCTCCTCACCATTCCGTCCTTCGTTCCGGCGGATACATAAGGACCCCTACTCAGATAGCAT  
TCTATGTAATATTGACTATAGTAAGGGTCCGTTCTTCATAGAGAAGGCTATAGCCATCCTGCGGCTGATG  
GTGGGTTTCGTGTGCTCTGCTCACTCTTAACATCTGCTACACCTTCTCCTGATCCGGACCTGGAGTC  
GCAAGGCCACGCGCTCCACCAAGACGCTCAAAGTGGTGGTGGCGGTGGTACATGTTTCTTTGCTTCTG  
GCTACCTACCAGGTAACAGGGGTGATATTAGCTTGGCTGCCCGGTCCATCCACTTTTCAGTCAGTG  
GAGAGGCTGAACCTCTTGTGCGTTTCCCTGGCCTACATCAACTGCTGTGTTAACCCATCATCTACGTC  
TGGCTGGCCAGGGTTTCCATGGGAGACTCCGAAGGTCACTCCCGCATCATACGAAACGTCTCTCTGA  
GGACTCCTTGGCAGGGACAGCAAGAGTTTCACTCGGTCCACGATGGATACCTCCACCCAGAAGAGTCAG  
GCAGTGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_053619
<b>Insert Size:</b>	1059 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_053619.1</a> , <a href="#">NP_446071.1</a>
<b>RefSeq Size:</b>	1772 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	113959
<b>UniProt ID:</b>	<a href="#">P97520</a>
<b>Cytogenetics:</b>	1q21
<b>Gene Summary:</b>	binds complement component 5 and induces Ca <sup>2+</sup> release from intracellular stores [RGD, Feb 2006]