

## Product datasheet for **RC204730L2V**

### **C3AR1 (NM\_004054) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C3AR1 (NM_004054) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C3AR1
Synonyms:	AZ3B; C3AR; HNFAG09
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004054
ORF Size:	1446 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204730).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_004054.2</a>
RefSeq Size:	1985 bp
RefSeq ORF:	1449 bp
Locus ID:	719
UniProt ID:	<a href="#">Q16581</a>
Cytogenetics:	12p13.31
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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**Protein Pathways:** Complement and coagulation cascades, Neuroactive ligand-receptor interaction

**MW:** 53.9 kDa

**Gene Summary:** 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]