

## Product datasheet for **MR225064L4V**

### **C5ar1 (NM\_007577) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | C5ar1 (NM_007577) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | C5ar1  |
| Synonyms:                 | C5aR; C5r1; Cd88; D7Msu1   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_007577  |
| ORF Size:                 | 1053 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR225064).   |
| 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_007577.4</a> , <a href="#">NP_031603.2</a>  |
| RefSeq Size:              | 2481 bp  |
| RefSeq ORF:               | 1056 bp  |
| Locus ID:                 | 12273  |
| UniProt ID:               | <a href="#">P30993</a>   |
| Cytogenetics:             | 7 8.77 cM  |



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**Gene Summary:**

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events. Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production.[UniProtKB/Swiss-Prot Function]