

Product datasheet for **RR205235L4V**

C1qa (NM_001008515) Rat Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | C1qa (NM_001008515) Rat Tagged ORF Clone Lentiviral Particle |
| Symbol: | C1qa |
| Synonyms: | MGC105755 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001008515 |
| ORF Size: | 735 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RR205235). |
| 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. More info |
| 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: | NM_001008515.1 , NP_001008515.1 |
| RefSeq Size: | 1025 bp |
| RefSeq ORF: | 738 bp |
| Locus ID: | 298566 |
| UniProt ID: | P31720 |
| Cytogenetics: | 5q36 |



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Gene Summary:

C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca²⁺-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.[UniProtKB/Swiss-Prot Function]