

## Product datasheet for **MR225506L4V**

### C1qa (NM\_007572) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	C1qa (NM_007572) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C1qa
Synonyms:	AI255395; C1q
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007572
ORF Size:	735 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225506).
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_007572.2</a> , <a href="#">NP_031598.2</a>
RefSeq Size:	1082 bp
RefSeq ORF:	738 bp
Locus ID:	12259
UniProt ID:	<a href="#">P98086</a>
Cytogenetics:	4 69.05 cM



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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 Ca<sup>2+</sup>-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]