

## Product datasheet for **RC222236L2V**

### **C8 (C8G) (NM\_000606) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C8 (C8G) (NM_000606) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C8
Synonyms:	C8C
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000606
ORF Size:	606 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222236).
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_000606.1</a>
RefSeq Size:	888 bp
RefSeq ORF:	609 bp
Locus ID:	733
UniProt ID:	<a href="#">P07360</a>
Cytogenetics:	9q34.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus



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**MW:** 22.2 kDa

**Gene Summary:** The protein encoded by this gene belongs to the lipocalin family. It is one of the three subunits that constitutes complement component 8 (C8), which is composed of a disulfide-linked C8 alpha-gamma heterodimer and a non-covalently associated C8 beta chain. C8 participates in the formation of the membrane attack complex (MAC) on bacterial cell membranes. While subunits alpha and beta play a role in complement-mediated bacterial killing, the gamma subunit is not required for the bactericidal activity. [provided by RefSeq, Jul 2011]