

## Product datasheet for **MR203279L4V**

### **C1ql3 (NM\_153155) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C1ql3 (NM_153155) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C1ql3
Synonyms:	1110065A22Rik; AI661623; C1ql; C1qtnf13; CTRP13; K100
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153155
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203279).
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_153155.2</a> , <a href="#">NP_694795.1</a>
RefSeq Size:	3163 bp
RefSeq ORF:	768 bp
Locus ID:	227580
UniProt ID:	<a href="#">Q9ESN4</a>
Cytogenetics:	2 A1



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**Gene Summary:**

May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses. Plays a role in glucose homeostasis. Via AMPK signaling pathway, stimulates glucose uptake in adipocytes, myotubes and hepatocytes and enhances insulin-stimulated glucose uptake. In a hepatoma cell line, reduces the expression of gluconeogenic enzymes G6PC and PCK1 and hence decreases de novo glucose production. [UniProtKB/Swiss-Prot Function]