

## Product datasheet for **MR205831L4V**

### Adipor1 (NM\_028320) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Adipor1 (NM_028320) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Adipor1
Synonyms:	2810031L11Rik; ACDCR1; CGI-45; Paqr1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028320
ORF Size:	1128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205831).
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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></p>
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_028320.3</a>
RefSeq Size:	2024 bp
RefSeq ORF:	1128 bp



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Locus ID: 72674

UniProt ID: [Q91VH1](#)

Cytogenetics: 1 E4

**Gene Summary:** This gene encodes a receptor for the fat-derived hormone adiponectin. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. Homozygous knockout mice for this gene exhibit elevated plasma glucose and insulin levels as well as impaired glucose tolerance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]