

## Product datasheet for **RC208693L2V**

### Adiponectin Receptor 2 (ADIPOR2) (NM\_024551) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Adiponectin Receptor 2 (ADIPOR2) (NM_024551) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Adiponectin Receptor 2
Synonyms:	ACDCR2; PAQR2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_024551
ORF Size:	1158 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208693).
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_024551.2</a>
RefSeq Size:	3982 bp
RefSeq ORF:	1161 bp
Locus ID:	79602
UniProt ID:	<a href="#">Q86V24</a>
Cytogenetics:	12p13.33
Domains:	UPF0073
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Adipocytokine signaling pathway

**MW:** 43.9 kDa

**Gene Summary:** The adiponectin receptors, ADIPOR1 (MIM 607945) and ADIPOR2, serve as receptors for globular and full-length adiponectin (MIM 605441) and mediate increased AMPK (see MIM 602739) and PPAR-alpha (PPARA; MIM 170998) ligand activities, as well as fatty acid oxidation and glucose uptake by adiponectin (Yamauchi et al., 2003 [PubMed 12802337]).[supplied by OMIM, Mar 2008]