

## Product datasheet for **RC203907L3V**

### Adiponectin Receptor 1 (ADIPOR1) (NM\_015999) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Adiponectin Receptor 1 (ADIPOR1) (NM_015999) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Adiponectin Receptor 1   |
| Synonyms:                 | ACDCR1; CGI-45; CGI45; PAQR1; TESBP1A  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_015999  |
| ORF Size:                 | 1125 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC203907).   |
| 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_015999.2</a>  |
| RefSeq Size:              | 2184 bp  |
| RefSeq ORF:               | 1128 bp  |
| Locus ID:                 | 51094  |
| UniProt ID:               | <a href="#">Q96A54</a>   |
| Cytogenetics:             | 1q32.1   |
| Domains:                  | UPF0073  |
| Protein Families:         | Druggable Genome, Transmembrane  |


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**Protein Pathways:** Adipocytokine signaling pathway

**MW:** 42.6 kDa

**Gene Summary:** This gene encodes a protein which acts as a receptor for adiponectin, a hormone secreted by adipocytes which regulates fatty acid catabolism and glucose levels. 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. A pseudogene of this gene is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2014]