

## Product datasheet for **RC229756L2V**

### Adiponectin (ADIPOQ) (NM\_001177800) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Adiponectin (ADIPOQ) (NM_001177800) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Adiponectin  |
| Synonyms:                 | ACDC; ACRP30; ADIPQTL1; ADPN; APM-1; APM1; GBP28   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001177800   |
| ORF Size:                 | 732 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC229756).   |
| 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_001177800.1</a>   |
| RefSeq ORF:               | 735 bp   |
| Locus ID:                 | 9370   |
| UniProt ID:               | <a href="#">Q15848</a>   |
| Cytogenetics:             | 3q27.3   |
| Protein Families:         | Druggable Genome, Secreted Protein   |
| Protein Pathways:         | Adipocytokine signaling pathway, PPAR signaling pathway, Type II diabetes mellitus   |
| MW:                       | 26.9 kDa   |



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**Gene Summary:**

This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to collagens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in this gene are associated with adiponectin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Apr 2010]