

Product datasheet for **MR206029L4V**

Adipor2 (NM_197985) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Adipor2 (NM_197985) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Adipor2 |
| Synonyms: | 1110001114Rik; ADCR2; AI115388; AW554121; D6Ucla1e; Paqr2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_197985 |
| ORF Size: | 1161 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR206029). |
| 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. More info |
| 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: | NM_197985.3 |
| RefSeq Size: | 3963 bp |
| RefSeq ORF: | 1161 bp |
| Locus ID: | 68465 |
| UniProt ID: | Q8BQS5 |
| Cytogenetics: | 6 56.78 cM |



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Gene Summary:

Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed:17327425, PubMed:17068142, PubMed:17268472, PubMed:24742672). Required for normal body fat and glucose homeostasis (PubMed:17327425, PubMed:17068142, PubMed:17268472, PubMed:24742672). ADIPOQ-binding activates a signaling cascade that leads to increased PPARA activity, and ultimately to increased fatty acid oxidation and glucose uptake (PubMed:12802337, PubMed:17268472, PubMed:24742672). Has intermediate affinity for globular and full-length adiponectin (PubMed:12802337). Required for normal revascularization after chronic ischemia caused by severing of blood vessels (PubMed:24742672).[UniProtKB/Swiss-Prot Function]