

Product datasheet for **RC216974L4V**

ACSL6 (NM_015256) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | ACSL6 (NM_015256) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ACSL6 |
| Synonyms: | ACS2; FACL6; LACS2; LACS5; LACS 6 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_015256 |
| ORF Size: | 2166 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC216974). |
| 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_015256.2 , NP_056071.2 |
| RefSeq Size: | 3047 bp |
| RefSeq ORF: | 2169 bp |
| Locus ID: | 23305 |
| UniProt ID: | Q9UKU0 |
| Cytogenetics: | 5q31.1 |
| Domains: | AMP-binding |
| Protein Families: | Druggable Genome, Transmembrane |



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Protein Pathways: Adipocytokine signaling pathway, Fatty acid metabolism, Metabolic pathways, PPAR signaling pathway

MW: 80.3 kDa

Gene Summary: The protein encoded by this gene catalyzes the formation of acyl-CoA from fatty acids, ATP, and CoA, using magnesium as a cofactor. The encoded protein plays a major role in fatty acid metabolism in the brain. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute myelogenous leukemia with eosinophilia, and acute eosinophilic leukemia. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2011]