

Product datasheet for **RC218854L4V**

MOGAT2 (NM_025098) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | MOGAT2 (NM_025098) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MOGAT2 |
| Synonyms: | DGAT2L5; DGAT2L5.; hDC5; MGAT2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_025098 |
| ORF Size: | 1002 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218854). |
| 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_025098.2 |
| RefSeq Size: | 1005 bp |
| RefSeq ORF: | 1005 bp |
| Locus ID: | 80168 |
| UniProt ID: | Q3SYC2 |
| Cytogenetics: | 11q13.5 |
| Domains: | DAGAT |
| Protein Families: | Transmembrane |



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MW: 38 kDa

Gene Summary: The protein encoded by this gene is an enzyme that catalyzes the synthesis of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA. The encoded protein is important in the uptake of dietary fat by the small intestine. This protein forms a complex with diacylglycerol O-acyltransferase 2 in the endoplasmic reticulum, and this complex catalyzes the synthesis of triacylglycerol. [provided by RefSeq, Dec 2015]