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Product datasheet for RC218854L1V

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:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
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]