

## Product datasheet for **RC213249L1V**

### **MOGT1 (MOGAT1) (NM\_058165) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MOGT1 (MOGAT1) (NM_058165) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MOGT1
Synonyms:	DGAT2L; DGAT2L1; MGAT1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_058165
ORF Size:	1005 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213249).
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_058165.2</a>
RefSeq Size:	1096 bp
RefSeq ORF:	1008 bp
Locus ID:	116255
UniProt ID:	<a href="#">Q96PD6</a>
Cytogenetics:	2q36.1
Protein Families:	Transmembrane
MW:	38.6 kDa



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**Gene Summary:**

Acyl-CoA:monoacylglycerol acyltransferase (MOGAT; EC 2.3.1.22) catalyzes the synthesis of diacylglycerols, the precursor of physiologically important lipids such as triacylglycerol and phospholipids (Yen et al., 2002 [PubMed 12077311]).[supplied by OMIM, Mar 2008]