

Product datasheet for **RC221837L4V**

DGAT2L3 (AWAT1) (NM_001013579) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DGAT2L3 (AWAT1) (NM_001013579) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DGAT2L3
Synonyms:	DGA2; DGAT2L3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013579
ORF Size:	984 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221837).
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_001013579.1
RefSeq Size:	987 bp
RefSeq ORF:	987 bp
Locus ID:	158833
UniProt ID:	Q58HT5
Cytogenetics:	Xq13.1
Protein Families:	Transmembrane
MW:	37.6 kDa


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Gene Summary:

The protein encoded by this gene belongs to the diacylglycerol acyltransferase family. It esterifies long chain (wax) alcohols with acyl-CoA-derived fatty acids to produce wax esters. Wax esters are enriched in sebum, suggesting that this enzyme plays a central role in lipid metabolism in skin. Consistent with this observation, this protein is predominantly expressed in the sebaceous gland of the skin. [provided by RefSeq, Sep 2009]