

## Product datasheet for RC220971L4V

## OriGene Technologies, Inc.

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## DGAT2L4 (AWAT2) (NM 001002254) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: DGAT2L4 (AWAT2) (NM\_001002254) Human Tagged ORF Clone Lentiviral Particle

Symbol: DGAT2L4

Synonyms: ARAT; DC4; DGAT2L4; MFAT; WS

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_001002254

ORF Size: 999 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC220971).

Sequence:

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 001002254.1, NP 001002254.1

 RefSeq Size:
 2124 bp

 RefSeq ORF:
 1002 bp

 Locus ID:
 158835

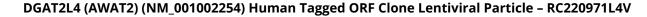
 UniProt ID:
 Q6E213

 Cytogenetics:
 Xq13.1

**Protein Families:** Transmembrane

**Protein Pathways:** Glycerolipid metabolism, Metabolic pathways, Retinol metabolism





ORIGENE

**MW:** 37.9 kDa

**Gene Summary:** This gene encodes an enzyme belonging to the diacylglycerol acyltransferase family. This

enzyme produces wax esters by the esterification of long chain (or wax) alcohols with acyl-CoA-derived fatty acids. It functions in lipid metabolism in the skin, mostly in undifferentiated peripheral sebocytes. This enzyme may also have acyl-CoA:retinol acyltransferase activities, where it catalyzes the synthesis of diacylglycerols and retinyl esters. [provided by RefSeq,

May 2010]