

Product datasheet for RC202500L3V

OriGene Technologies, Inc.

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ADFP (PLIN2) (NM_001122) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ADFP (PLIN2) (NM_001122) Human Tagged ORF Clone Lentiviral Particle

Symbol: ADFP

Synonyms: ADFP; ADRP

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 001122

ORF Size: 1311 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC202500).

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: <u>NM 001122.2</u>

RefSeq Size: 2010 bp
RefSeq ORF: 1314 bp

Locus ID: 123

UniProt ID: Q99541

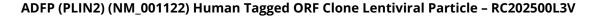
Cytogenetics: 9p22.1

Domains: perilipin

Domains: perilipin

Protein Families: Druggable Genome





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MW: 47.9 kDa

Gene Summary:

The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011]