

Product datasheet for RC205708L2V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Adipose Triglyceride Lipase (PNPLA2) (NM_020376) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Adipose Triglyceride Lipase (PNPLA2) (NM_020376) Human Tagged ORF Clone Lentiviral

Particle

Symbol: Adipose Triglyceride Lipase

Synonyms: 1110001C14Rik; ATGL; FP17548; iPLA2zeta; PEDF-R; TTS-2.2; TTS2

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_020376 **ORF Size:** 1512 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC205708).

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

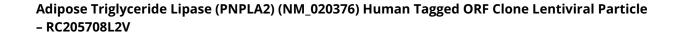
varies depending on the nature of the gene.

RefSeq: <u>NM 020376.2</u>, <u>NP 065109.1</u>

RefSeq Size: 2443 bp
RefSeq ORF: 1515 bp
Locus ID: 57104
UniProt ID: Q96AD5
Cytogenetics: 11p15.5

Protein Families: Transmembrane







MW: 55.3 kDa

Gene Summary: This gene encodes an enzyme which catalyzes the first step in the hydrolysis of triglycerides

in adipose tissue. Mutations in this gene are associated with neutral lipid storage disease with

myopathy. [provided by RefSeq, Jul 2010]