

Product datasheet for **RC205708L2V**

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:	NM_020376.2 , NP_065109.1
RefSeq Size:	2443 bp
RefSeq ORF:	1515 bp
Locus ID:	57104
UniProt ID:	Q96AD5
Cytogenetics:	11p15.5
Protein Families:	Transmembrane



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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]