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Product datasheet for RC206292L3V

Perilipin-1 (PLIN1) (NM_002666) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Perilipin-1 (PLIN1) (NM_002666) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Perilipin-1
Synonyms:	FPLD4; PERI; PLIN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002666
ORF Size:	1566 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206292).
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_002666.3
RefSeq Size:	2922 bp
RefSeq ORF:	1569 bp
Locus ID:	5346
UniProt ID:	O60240
Cytogenetics:	15q26.1
Domains:	perilipin
Protein Families:	Druggable Genome

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Protein Pathways: PPAR signaling pathway

MW: 55.8 kDa

Gene Summary: The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Feb 2009]