

Product datasheet for **MR222553L3V**

Plin1 (NM_175640) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plin1 (NM_175640) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plin1
Synonyms:	6030432J05Rik; Peri; Plin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_175640
ORF Size:	1551 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222553).
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_175640.2 , NP_783571.2
RefSeq Size:	1935 bp
RefSeq ORF:	1554 bp
Locus ID:	103968
UniProt ID:	Q8CGN5
Cytogenetics:	7 D2



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Gene Summary:

Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness (By similarity). Plays a role in unilocular lipid droplet formation by activating CIDEC. Their interaction promotes lipid droplet enlargement and directional net neutral lipid transfer. May modulate lipolysis and triglyceride levels.[UniProtKB/Swiss-Prot Function]