

Product datasheet for **RC224216L4V**

SPTLC3 (NM_018327) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPTLC3 (NM_018327) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPTLC3
Synonyms:	C20orf38; dj718P11; dj718P11.1; hLCB2b; LCB2B; LCB 3; LCB3; SPT 3; SPT3; SPTLC2L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018327
ORF Size:	1656 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224216).
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_018327.2
RefSeq Size:	3855 bp
RefSeq ORF:	1659 bp
Locus ID:	55304
UniProt ID:	Q9NUV7
Cytogenetics:	20p12.1
MW:	61.9 kDa



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Gene Summary:

This gene encodes a subunit of the serine palmitoyltransferase complex which catalyzes the rate-limiting step in sphingolipid biosynthesis. This subunit metabolizes lauroyl- and myristoyl-CoA and generates C14 and C16-sphingoid bases. [provided by RefSeq, Mar 2017]