

## Product datasheet for RC224216L4V

## OriGene Technologies, Inc.

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## 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** 

The ORF insert of this clone is exactly the same as(RC224216).

Sequence:

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 018327.2</u>

 RefSeq Size:
 3855 bp

 RefSeq ORF:
 1659 bp

 Locus ID:
 55304

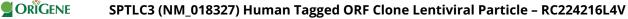
 UniProt ID:
 Q9NUV7

 Cytogenetics:
 20p12.1

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**MW:** 61.9 kDa







**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]