

Recombinant Human SPTLC3 Protein, His-tagged

Cat. No. SPTLC3-677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPTLC3(Ile238~Asp552) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile238~Asp552
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	38.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name SPTLC3 serine palmitoyltransferase long chain base subunit 3 [Homo sapiens]

Official Symbol SPTLC3

Synonyms LCB3; SPT3; LCB 3; LCB2B; SPT 3; hLCB2b; SPTLC2L; C20orf38; dJ718P11; dJ718P11.1

Gene ID 55304

mRNA Refseq NM_001349945

Protein Refseq NP_001336874

MIM 611120

UniProt ID Q9NUV7

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