

SPTLC1 抗原（重组蛋白）

中文名称：SPTLC1 抗原（重组蛋白）

英文名称：SPTLC1 Antigen (Recombinant Protein)

别名：HSN1; LBC1; LCB1; SPT1; SPTI; HSAN1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human SPTLC1

技术规格：

Full name:	serine palmitoyltransferase, long chain base subunit 1
Synonyms:	HSN1; LBC1; LCB1; SPT1; SPTI; HSAN1
Swissprot:	O15269
Gene Accession:	BC068537
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the class-II pyridoxal-phosphate-dependent aminotransferase family. The encoded protein is the long chain base subunit 1 of serine palmitoyltransferase. Serine palmitoyltransferase converts L-serine and palmitoyl-CoA to 3-oxosphinganine with pyridoxal 5'-phosphate and is the key enzyme in sphingolipid biosynthesis. Mutations in this gene were identified in patients with hereditary sensory neuropathy type 1. Alternatively spliced variants encoding different isoforms have been identified. Pseudogenes of this gene have been defined on chromosomes 1, 6, 10, and 13.

