

# Recombinant Human SPTLC1

Catalog No: #GP11136



Package Size: #GP11136-1 100ug

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## Description

Product Name	Recombinant Human SPTLC1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human serine palmitoyltransferase, long chain base subunit 1
Target Name	serine palmitoyltransferase, long chain base subunit 1
Other Names	HSN1; LBC1; LCB1; SPT1; SPTI; HSN1
Accession No.	Swissprot:O15269Gene Accession:BC068537
Uniprot	O15269
GenelD	10558;
Storage	-20~-80°C, pH 7.6 PBS

## 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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