

Product Information

MemDX™ Membrane Protein Human SPTLC3 (Serine palmitoyltransferase long chain base subunit 3) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1908K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human SPTLC3 membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SPTLC3

Protein Length

Full Length

Protein Class

Transferase

TMD

1

Sequence

MANPGGGAVCNGKLHNHKQSNGSQRNCTKNGIVKEAQQNGKPHFYDKLIVESFEEAPLHVMVFTYMGYGIGTLFGYLRDFLRM

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SPTLC3

Full Name

Serine palmitoyltransferase long chain base subunit 3

Introduction

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.

Alternative Names

SPTLC3; LCB3; SPT3; LCB 3; LCB2B; SPT 3; hLCB2b; SPTLC2L; C20orf38; dJ718P11; dJ718P11.1; serine palmitoyltransferase 3; long chain base biosynthesis protein 2b; long chain base biosynthesis protein 3; serine palmitoyltransferase, long chain base subunit 2-like (aminotransferase 2); serine-palmitoyl-CoA transferase 3; Serine palmitoyltransferase long chain base subunit 3

Gene ID

[55304](#)

UniProt ID

[Q9NUV7](#)