

Product Information

MemDX™ Membrane Protein Human SPTSSA (Serine palmitoyltransferase small subunit A)

Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX0996K**

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

This product is a Human SPTSSA 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

SPTSSA

Protein Length

Full Length

Protein Class

Receptor

TMD

2

Sequence

MAGMALARAWKQMSWFYYQYLLVTALYMLEPWERTVFNSMLVSIVGMALYTGYVFMPQHIMAILHYFEIVQ

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

SPTSSA

Full Name

Serine palmitoyltransferase small subunit A

Introduction

Serine palmitoyltransferase (SPT; EC 2.3.1.50) catalyzes the first committed and rate-limiting step in sphingolipid biosynthesis. SSSPTA is a small SPT subunit that stimulates SPT activity and confers acyl-CoA preference to the SPT catalytic heterodimer of SPTLC1 (MIM 605712) and either SPTLC2 (MIM 605713) or SPTLC3 (MIM 611120).

Alternative Names

SPTSSA; SSSPTA; C14orf147; serine palmitoyltransferase small subunit A; small subunit of serine palmitoyltransferase A; Serine palmitoyltransferase small subunit A

Gene ID

[171546](#)

UniProt ID

[Q969W0](#)