

Recombinant Human SPTSSB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPTSSB-1381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C3orf57 MS Standard C13 and N15-labeled recombinant protein (NP_001035189) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Serine palmitoyltransferase (SPT; EC 2.3.1.50) catalyzes the first committed and rate-limiting step in sphingolipid biosynthesis. SSSPTB is a small SPT subunit that stimulates SPT activity and confers acyl-CoA preference to the SPT catalytic heterodimer of SPTLC1 and either SPTLC2 or SPTLC3.
Molecular Mass	9.2 kDa
AA Sequence	MDLRRVKEYFSWLYYQYQIISCCAVLEPWERSMFNTILLTIAMVVYTAYVFIPHIHRLA WEFFSKICGYHSTISNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SPTSSB serine palmitoyltransferase small subunit B [Homo sapiens (human)]

Official Symbol SPTSSB

Synonyms SPTSSB; serine palmitoyltransferase small subunit B; ADMP; SSSPTB; C3orf57; serine palmitoyltransferase small subunit B; androgen down regulated in mouse prostate; likely ortholog of androgen down regulated gene expressed in mouse prostate; small subunit of serine palmitoyltransferase B

Gene ID 165679

mRNA Refseq NM_001040100

Protein Refseq NP_001035189

MIM 610412

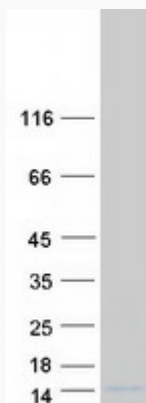
UniProt ID Q8NFR3

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SDS-PAGE



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