

## Product datasheet for **TP310453M**

### SPTSSB (NM\_001040100) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 3 open reading frame 57 (C3orf57), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210453 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MDLRRVKEYFSWLYYQYQIISCCAVLEPWERSMFNTILLTIAMVVYTAYVFIPIHIRLAWEFFSKICGY HSTISN
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001035189</a>
Locus ID:	165679
UniProt ID:	<a href="#">Q8NFR3</a> , <a href="#">Q6ZWB5</a>
RefSeq Size:	2306
Cytogenetics:	3q26.1



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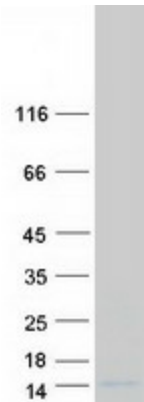
RefSeq ORF: 228

Synonyms: ADMP; C3orf57; SSSPTB

**Summary:** 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 (MIM 605712) and either SPTLC2 (MIM 605713) or SPTLC3 (MIM 611120) (Han et al., 2009 [PubMed 19416851]).[supplied by OMIM, Nov 2010]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified SPTSSB protein (Cat# [TP310453]). The protein was produced from HEK293T cells transfected with SPTSSB cDNA clone (Cat# [RC210453]) using MegaTran 2.0 (Cat# [TT210002]).