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YBH138Mu01

100μg Recombinant Serine Palmitoyltransferase, Long Chain Base Subunit
1 (SPTLC1)

Organism Species: *Mus musculus*
(Mouse)

*Instruction
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan,
2014)

[PROPERTIES]

Residues: Asp143~Leu473

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: 035704

Host: *E. coli*

Subcellular Location: Endoplasmic reticulum membrane

Single-pass membrane protein.

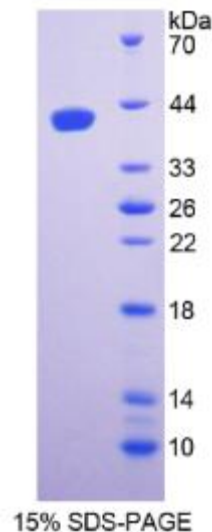
Purity: >90%

Endotoxin Level: <1.0EU per 1μg (determined by the
LAL method).

Formulation: Supplied as lyophilized form in

PBS, pH7.4, containing 5% trehalose, 0.01%

sarcosyl.





Predicted isoelectric point:

5.8 Predicted Molecular Mass:

40.3kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

DVHLDLEE RLAKFMKTEE AIIYSYGST IASAIPAYSK RGDIIFVDSA ACFAIQKGLQ
ASRSDIKLFK HNDVADLERL LKEQEIEDQK NPRKARVTRR FIVVEGLYMN TGTICPLPEL
VKLKYKYKAR IFLEESLSFG VLGEHGRGVT EHYGISIDDI DLISANMENA LASVGGFCCG
RSFVVDHQRL SGQGYCFSAS LPPLAAAAI EALNIMEENP DIFAVLKKKC QNIHKSQGV
SGLKVVGESL SPALHLQLEE STGSREKDVK LLQAIVDQCM DKGIALTQAR YLDKEEKCLP
PPSIRVVTV EQTEELQRA ASTIREAAQA VLL