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YBH136Hu01

100ug Recombinant Serine Palmitoyltransferase, Long Chain Base Subunit
3 (SPTLC3)

Organism Species: Homo sapiens (Human)

*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: Ile238~Asp552

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

Accession: Q9NUV7

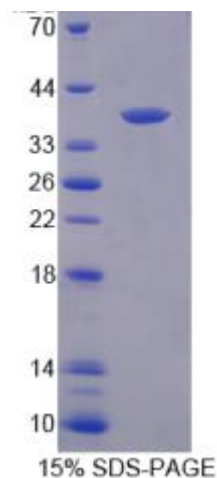
Host: *E. coli*

Subcellular Location: Endoplasmic reticulum
membrane; Single-pass membrane protein.

Purity: >90%

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

Formulation: Supplied as lyophilized form in
20mM Tris, 150mM NaCl, pH8.0, containing 1mM
EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and
preservative.





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Predicted isoelectric point:

9.2 Predicted Molecular Mass:

38.7kDa

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 ddH₂O.

[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.

IPA LVGKGCLILS DELNHTSLVL GARLSGATIR IFKHNTQSL EKLLRDAVIY GQPRTRRAWK
KILILVEGVY SMEGSIVHLP QIIALKKKYK AYLYIDEAHS IGAVGPTGRG VTEFFGLDPH
EVDVLMGTFT KSFGASGGYI AGRKDLVDYL RVHSHSAVYA SSMSPPIAEQ IIRSLKLIMG
LDGTTQGLQR VQQLAKNTRY FRQLQEMGF IIYGNENASV VPLLLYMPGK VAAFARHMLE
KKIGVVVVG F PATPLAEARA RFCVSAATHR EMLDVTLEAL DEMGDLLQLK YSRHKKSARP
ELYDETSFEL ED