

Recombinant Serine Palmitoyltransferase, Long Chain Base Subunit 3 (SPTLC3) Instruction Manual

SIPH693Mu01

Mus musculus (Mouse)

| | |
|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Secreted |
| Predicted Molecular Mass | 58.4kDa |
| Accurate Molecular Mass | 58kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Arg80~Ala563 with N-terminal His Tag |
| Buffer Formulation | 100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| Traits | Freeze-dried powder |
| Purity | > 90% |
| Isoelectric Point | 7.3 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

```

R DFMRNWGIEK CNAVEREEQ
KDFVPLYQDF ENFYKRNLYM RIRDSWSHTV CSAPEPYMNV MEKVTDYDYNW
TFRHTGKVIE NIINMASYNY LGLAGKYDDS MVRVKDTLEK YGVGVASTRN
EMGTLDIHKE LEDLMAEFLN VEAVMSFGMG FATNAMNIPV FVGKGCLILS
DEFNHTSVIL GSRLSGAVIR PFKHNNAENL EKLLREAIIR GQPGTGRAWK
KILIVVEGVY SMEGSIVNLA QIVALKKKYK AYLYIDEAHS IGCTGPTGRG
VRELFGLDPE DIDVYMGFTT KSFSGSGGYI GKGKEIVDYL RMQSHSTTYA
TSMSPVAAQ LIRSLKITMG YEGNIGGMR IQQLKENIKY FRRRLKEMGF
IIYGNDFSPV IPVLLYMPAK VSAFSRFLK KKISVVVVG F PATSLPEGRA
RFSMSSAHTR EMLDTVLEVV DELGDLLNVK YFPLKKS GRA ILYNKEGFDN
EASFEEMHSE PEA
```

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

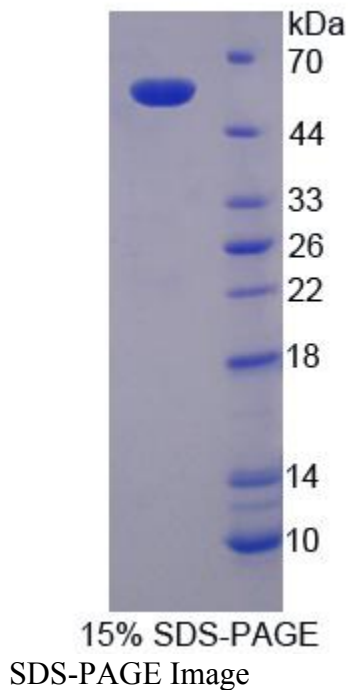
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.