

Recombinant Full Length Mouse Serine Palmitoyltransferase 3(Sptlc3) Protein, His-Tagged

Cat. No. RFL6746MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Serine palmitoyltransferase 3(Sptlc3) Protein (Q8BG54) (1-563aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-563)
Form	Lyophilized powder
AA Sequence	MANLNDSAVTNGTLHNPQTQQGKRQSTGCVKNGISKEAQQNRKAYAEDKPVFEPY QEAPL YVYVLTVMGYGIGILFGYLRDFMRNWGIEKCNAEVEREEQKDFVPLYQDFE NFYKRNLVM RIRDSWSHTVCSAPEPYMNVMEKVTDDYNWTFRHTGKVIENIINMAS YNYLGLAGKYDDS MVRVKDTLEKYGVGVASTRNEMGTLDIHKELEDLMAEFLNVEA VMSFGMGFATNAMNIPV FVGKGCLLSDEFNHTSVILGSRLSGAVIRPFKHNNNAENL EKLLREAIIRGQPGTGRAWK KILIVVEGVYSMEGSIVNLAQIVALKKKYKAYLYIDEAH SIGCTGPTGRGVRELFGLDPE DIDVVMGTFTKSFSGSGGYIGGKKEIVDYLRMQSH STTYATSMSPVVAQLIRSLKITMG YEGNIGGMERIQQLKENIKYFRRRLKEMGFIIY GNDFSPVIPVLLYMPAKVSAFSRFLK KKISVVVVGFATSLPEGRARFSMSSAHR EMLDTVLEVVDLGDLLNVKYFPLKKSGRA ILYNKEGFDNEASFEEMHSEPEA
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Sptlc3
Synonyms	Sptlc3; Sptlc2l; Serine palmitoyltransferase 3; Long chain base biosynthesis protein 2b; LCB2b; Long chain base biosynthesis protein 3; LCB 3; Serine-palmityl-CoA transferase 3; SPT 3
UniProt ID	Q8BG54

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