

Product datasheet for TP515871

Sptssb (NM_001164210) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serine palmitoyltransferase, small subunit B (Sptssb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215871 representing NM_001164210 Red=Cloning site Green=Tags(s)
	MDFKRVKEYFAWLYYQYQIITCCA VM EPWEQSMLNTIILTIVAMVVYTAYVFIPIHIRLAWEFFSKICGY DSSISN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	9.6 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
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 after receiving vials.
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:	NP_001157682
Locus ID:	66183
UniProt ID:	Q925E8
RefSeq Size:	1786
Cytogenetics:	3 E2
RefSeq ORF:	228



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Synonyms: 1110032A04Rik; ADMP; Sssptb

Summary: Stimulates the activity of serine palmitoyltransferase (SPT). The composition of the serine palmitoyltransferase (SPT) complex determines the substrate preference, complexes with this subunit showing a clear preference for longer acyl-CoAs. The SPTLC1-SPTLC2-SPTSSB complex shows a strong preference for C18-CoA substrate, while the SPTLC1-SPTLC3-SPTSSB isozyme displays an ability to use a broader range of acyl-CoAs, without apparent preference. [UniProtKB/Swiss-Prot Function]