

Product datasheet for MC204100

Sptssb (NM_133675) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sptssb (NM_133675) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sptssb
Synonyms:	1110032A04Rik; ADMP; Sssptb
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC022628

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GCTGGGGAGAAGCCAGAGCATCTAAGCTCACTCTAAGGCAGGAGACGAAGAAATAAAGCCCAGAGAGGAG
AAATAATCTACACCAGATTGTTTCAGAGGAAAAGCATCACCGAGTACCAAGCCTGGATACTCTGCACAGG
CAGACTTTTCCCAGCTTAAGGAAGAGCCATGGATTTCAGCGCGTGAAGGAGATTTTGCCTGGCTCTAT
TATCAATACCAGATCATCACCTGCTGTGCTGTCATGGAGCCTTGGGAACAATCGATGCTCAACACCATCA
TACTGACCATTGTGGCTATGGTGGTATACACTGCCTATGTCTTCATCCCCATCCACATCCGCCTGGCTTG
GGAATTTTTCTCCAAAATATGTGGCTATGACAGTTCATTTCTAACTGATCTCATCTGAATTCGGTGAAA
GGGCATAACGTGTTACATTGCTTACAACCTACTGACTTGGGTGACCGTATCATCTTTCACCTCTGACCT
GACCAGCACTCTCTATGCACGTCCCGCACATCCTGCCTGGAGTATGAGATAGGTTTTCCCCACTTG
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TATATACTACTGATTTTTGCAAAAATAAATGAAGTTTACTTTTATAAGCAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAG
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Restriction Sites:	RsrII-NotI
ACCN:	NM_133675
Insert Size:	231 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC022628 , AAH22628
RefSeq Size:	1765 bp
RefSeq ORF:	231 bp
Locus ID:	66183
UniProt ID:	Q925E8
Cytogenetics:	3 E2
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein (isoform a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>