

### **Product datasheet for MR200112L3**

# Sptssb (NM\_133675) Mouse Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: Sptssb (NM\_133675) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Sptssb

Synonyms: 1110032A04Rik; ADMP; Sssptb

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR200112).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_133675

ORF Size: 231 bp



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn



#### Sptssb (NM\_133675) Mouse Tagged Lenti ORF Clone - MR200112L3

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**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:** 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:** <u>NM 133675.1</u>

RefSeq Size: 1753 bp
RefSeq ORF: 231 bp
Locus ID: 66183

UniProt ID: Q925E8

Cytogenetics: 3 E2

**Gene Summary:** Stimulates the activity of serine palmitoyltransferase (SPT). The composition of the serine

palmitoyltransferase (SPT) complex determines the substrate preference, complexes with this

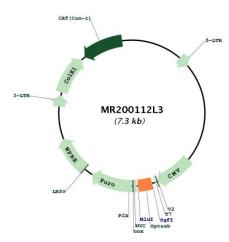
subunit showing a clear preference for longer acyl-CoAs. The SPTLC1-SPTLC2-SPTSSB

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]



## **Product images:**



Circular map for MR200112L3