

Product datasheet for **MR215871L3V**

Sptssb (NM_001164210) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sptssb (NM_001164210) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sptssb
Synonyms:	1110032A04Rik; ADMP; Sssptb
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001164210
ORF Size:	228 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215871).
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.
RefSeq:	NM_001164210.1
RefSeq Size:	1786 bp
RefSeq ORF:	231 bp
Locus ID:	66183
UniProt ID:	Q925E8
Cytogenetics:	3 E2



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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 isozyyme displays an ability to use a broader range of acyl-CoAs, without apparent preference. [UniProtKB/Swiss-Prot Function]