

Product datasheet for **MR203482L4V**

Spsb2 (NM_013539) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Spsb2 (NM_013539) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Spsb2
Synonyms:	AI461677; C9; Grcc; Grcc9; SS; SSB2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013539
ORF Size:	795 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203482).
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_013539.1
RefSeq Size:	1179 bp
RefSeq ORF:	795 bp
Locus ID:	14794
UniProt ID:	O88838
Cytogenetics:	6 59.17 cM



[View online »](#)

Gene Summary:

This gene encodes a member of the SSB family of proteins that contain a central SPRY (repeats in splA and ryanodine receptors) domain and a C-terminal SOCS (suppressor of cytokine signaling) box. The encoded protein is an adaptor protein in the E3 ubiquitin ligase complex that ubiquitinates inducible nitric oxide synthase and targets it for proteasomal degradation. Mice lacking the encoded protein exhibit lower blood urea nitrogen levels and mild thrombocytopenia due to reduced platelet production. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]