

## Product datasheet for MC209465

### Ssb (NM\_009278) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ssb (NM_009278) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ssb
Synonyms:	SS-B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209465 representing NM_009278 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTGAAAATGGAGATAATGAAAAATGACTGCTTTGGAGGCCAAAATCTGTCATCAAATTGAGTATT  
ATTTTGGAGACTTCAATTTGCCACGAGACAAGTTTTTAAAAGAACAGATCAAATTGGATGAAGGCTGGGT  
ACCTTTGGAAACAATGATAAAATCAACAGGCTAAACCGGCTGACAACAGACTTTAATGTAATTGTGCAA  
GCACTGAGCAAACTAAGGCAAACTCATGGAAGTCAGTCAGACAAAACAAAATTAGAAGATCACAA  
GCAGACCACTCCCTGAAGTGACGGATGAGTATAAGAATGATGTAACAAAACAGATCTGTTTATATTAAGG  
TTTCCCACTGACGCCACCCTTGATGATATAAAAGAATGGCTAGACGATAAAGGCCAAAATACTGAATATT  
CAAATGAGAAGAACATTACAAAAACATTTAAGGGTCAATATTTGCTGTGTTTGATAGTATTCAGTCTG  
CAAAGAAGTTTGTGGAGATCCCTGGCCAGAAGTACAAAGACACTAACCTGCTAATACTCTTTAAGGAAGA  
TTACTTTGCAAAAAAAAAATGAAGAAAGAAAGCAGAGCAAAGTGAAGCTAAATTAAGCTAAACAAGAG  
CATGAAGGAAGACACAAGCCAGGAAGTACTGAAACCAGAGCTCTAGAAGGAAAGATGGGATGCTTACTGA  
AGTTTTTCAGGTGACTTGGATGACCAGACCTGTAGAGAAGATTTACACTTCTTTTCTCAAATCATGGTGA  
AATAAAATGGGTGACTTTGCCAGAGGAGCAAAGAGGGAATAATTCTCTTCAAAGAAAAGGCTAAGGAA  
GCCTTTGAGAAAAGCCAGAAATGCAATAATGGTAACTACTGTTAAGGAACAAAAGGTGACTTGAAAAG  
TACTAGAAGGACATGCGGAAAAAGCAATGAAAAAATCACAGATGATCAGCAAGAAATCCCTAAACAA  
ATGGAAGTCAAAGGAGGGCATGCAGGTGGAAGATTTAAAGGAAGCCATGTTTTTACAGCAGCCCGCAGA  
TTTAAAGGAAAAGGGAAGGTAATAGGCCTGGTTATGCTGGGGCACCCAAAGGAAGGACAGTTTCATG  
GAAGGAGGACAAGATTTGATGATGATGATCGTCGTCGTTGACCAATGAAAAGAGGAAGAGATGGAAGAGA  
CAGAGAAGAACCAGCATCAAAGCATAAGAAAAGAGAAAATGGTGTAGAGACAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_009278

**Insert Size:** 1248 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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:** [NM\\_009278.4](#), [NP\\_033304.1](#)

**RefSeq Size:** 2088 bp

**RefSeq ORF:** 1248 bp

**Locus ID:** 20823

**UniProt ID:** [P32067](#)

**Cytogenetics:** 2 40.95 cM

**Gene Summary:** Binds to the 3' poly(U) terminus of nascent RNA polymerase III transcripts, protecting them from exonuclease digestion and facilitating their folding and maturation.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1 and 2 both encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.