

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209465 representing NM_009278 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTGAAAATGGAGATAATGAAAAATGACTGCTTTGGAGGCCAAAATCTGTCATCAAATTGAGTATT
 ATTTTGGAGACTTCAATTTGCCACGAGACAAGTTTTTAAAGAACAGATCAAATTGGATGAAGGCTGGGT
 ACCTTTGGAAACAATGATAAAATTCACAGGCTAAACCGGCTGACAACAGACTTTAATGTAATTGTGCAA
 GCACTGAGCAAACTAAGGCAAACTCATGGAAGTCAGTGCAGACAAAATAAAATTAGAAGATCACCAA
 GCAGACCACTCCCTGAAGTGACGGATGAGTATAAGAATGATGTAAAAACAGATCTGTTTATATTAAGG
 TTTCCCAACTGACGCCACCCTTGATGATATAAAAGAATGGCTAGACGATAAAGGCCAAATACTGAATATT
 CAAATGAGAAGAATTACACAAAAATTTAAGGGTCAATATTTGCTGTGTTTGATAGTATTCACTCTG
 CAAAGAAGTTTGTGGAGATCCCTGGCCAGAAGTACAAAGACATAACCTGCTAATACTCTTTAAGGAAGA
 TTACTTTGCAAAAAAATGAAGAAAGAAAGCAGAGCAAAGTGAAGCTAAATTAAGCTAAACAAGAG
 CATGAAGGAAGACACAAGCCAGGAAGTACTGAAACCAGAGCTCTAGAAGGAAAGATGGGATGCTTACTGA
 AGTTTTCAGGTGACTTGGATGACCAGACCTGTAGAGAAGATTTACACTTCCTTTTCTCAAATCATGGTGA
 AATAAAATGGGTGCACTTTGCCAGAGGAGCAAAAGAGGGAATAATTCTCTCAAAGAAAAGGCTAAGGAA
 GCACCTTGAGAAAGCCAGAAATGCAAATAATGGTAACCTACTGTTAAGGAACAAAAGGTGACTTGGAAAG
 TACTAGAAGGACATGCGGAAAAAGAGCATTGAAAAAATCACAGATGATCAGCAAGAATCCCTAAACAA
 ATGGAAGTCAAAGGAGGCGATGCAAGGTGAAGATTTAAGGAAGCCATGTTTTACAGCAGCCCGCAGA
 TTTAAAGGAAAAGGAAGGGTAATAGGCCTGGTTATGCTGGGGCACCCAAAGGAAGGACAGTTTCATG
 GAAGGAGGACAAGATTTGATGATGATGATCGTCGTCGTGGACCAATGAAAAGAGGAAGAGATGGAAGAGA
 CAGAGAAGAACC CGCATCAAAGCATAAGAAAAGAGAAAATGGTGCTAGAGACAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009278
Insert Size:	1248 bp
OTI Disclaimer:	<p>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 or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_009278.4, NP_033304.1</u>
RefSeq Size:	2088 bp
RefSeq ORF:	1248 bp
Locus ID:	20823
UniProt ID:	<u>P32067</u>
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.