

Product datasheet for **MC208044**

Ssb (NM_001110145) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ssb (NM_001110145) 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:	>MC208044 representing NM_001110145 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGAAAATGGAGATAATGAAAAATGACTGCTTTGGAGGCCAAAATCTGTCATCAAATTGAGTATT
ATTTTGGAGACTTCAATTTGCCACGAGACAAGTTTTTAAAAGAACAGATCAAATTGGATGAAGGCTGGGT
ACCTTTGGAAACAATGATAAAATCAACAGGCTAAACCGGCTGACAACAGACTTTAATGTAATTGTGCAA
GCACTGAGCAAACTAAGGCAAACTCATGGAAGTCAGTGCAGACAAAATAAAATTAGAAGATCACCAA
GCAGACCACTCCCTGAAGTGACGGATGAGTATAAGAATGATGTAACAAAACAGATCTGTTTATATTAAGG
TTTCCCAACTGACGCCACCCTTGATGATATAAAAGAATGGCTAGACGATAAAGGCCAAAATACTGAATATT
CAAATGAGAAGAACATTACAAAAACATTTAAGGGTCAATATTTGCTGTGTTTGATAGTATTCAGTCTG
CAAAGAAGTTTGTGGAGATCCCTGGCCAGAAGTACAAAGACACTAACCTGCTAATACTCTTTAAGGAAGA
TTACTTTGCAAAAAAATGAAGAAAGAAAGCAGAGCAAAGTGAAGCTAAATTAAGCTAAACAAGAG
CATGAAGGAAGACACAAGCCAGGAAGTACTGAAACCAGAGCTCTAGAAGGAAAGATGGGATGCTTACTGA
AGTTTTTCAGGTGACTTGGATGACCAGACCTGTAGAGAAGATTTACACTTCTTTTCTCAAATCATGGTGA
AATAAAATGGGTGACTTTGCCAGAGGAGCAAAGAGGGAATAATTCTCTTCAAAGAAAAGGCTAAGGAA
GCCTTGAGAAAAGCCAGAAATGCAATAATGGTAACCTACTGTTAAGGAACAAAAGGTGACTTGAAAAG
TACTAGAAGGACATGCGGAAAAGAAAGCATTGAAAAAATCACAGATGATCAGCAAGAAATCCCTAAACAA
ATGGAAGTCAAAGGAGGGCATGCAGGTGGAAGATTTAAAGGAAGCCATGTTTTTACAGCAGCCCGCAGA
TTTAAAGGAAAAGGGAAGGTAATAGGCCTGGTTATGCTGGGGCACCCAAAGGAAGGACAGTTTCATG
GAAGGAGGACAAGATTTGATGATGATGATCGTCGTCGTTGACCAATGAAAAGAGGAAGAGATGGAAGAGA
CAGAGAAGAACCAGCATCAAAGCATAAGAAAAGAGAAAATGGTGTAGAGACAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001110145
Insert Size:	1248 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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.
RefSeq:	<u>NM_001110145.1</u> , <u>NP_001103615.1</u>
RefSeq Size:	2061 bp
RefSeq ORF:	1248 bp
Locus ID:	20823
UniProt ID:	<u>P32067</u>
Cytogenetics:	2 40.95 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. 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.</p>