

Product datasheet for MR206549

Ssb (NM_001110145) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ssb (NM_001110145) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ssb
Synonyms:	SS-B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206549 representing NM_001110145 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGAAAAATGGAGATAATGAAAAATGACTGCTTTGGAGGCCAAAAATCTGTCATCAAATTGAGTATT
ATTTTGGAGACTTCAATTTGCCACGAGACAAGTTTTTAAAAGAACAGATCAAATTGGATGAAGGCTGGGT
ACCTTTGGAAACAATGATAAAATCAACAGGCTAAACCGCTGACAACAGACTTTAATGTAATTGTGCAA
GCACTGAGCAAATCTAAGGCAAACTCATGGAAGTCAGTGCAGACAAAATAAAATTAGAAGATCACAA
GCAGACCACTCCCTGAAGTGACGGATGAGTATAAGAATGATGTA AAAAACAGATCTGTTTATATTAAGG
TTTCCCAACTGACGCCACCTTGATGATATAAAAGAATGGCTAGACGATAAAGGCCAAATACTGAATATT
CAAATGAGAAGAACATTACAAAAACATTTAAGGGTCAATATTTGCTGTGTTTGATAGTATTCAGTCTG
CAAAGAAGTTTGTGGAGATCCCTGGCCAGAAGTACAAAGACACTAACCTGCTAATACTCTTTAAGGAAGA
TTACTTTGCAAAAAAATGAAGAAAGAAAGCAGAGCAAAGTGAAGCTAAATTAAGCTAAACAAGAG
CATGAAGGAAGACACAAGCCAGGAAGTACTGAAACCAGAGCTCTAGAAGGAAAGATGGGATGCTTACTGA
AGTTTTCAGGTGACTTGGATGACCAGACCTGTAGAGAAGATTTACACTTCCTTTCTCAAATCATGGTGA
AATAAAATGGGTGCACTTTGCCAGAGGACAAAAGAGGAATAATTCTCTCAAAGAAAAGGCTAAGGAA
GCACTTGAGAAAGCCAGAAATGCAAATAATGGTAACCTACTGTTAAGGAACAAAAGGTGACTTGGAAAG
TACTAGAAGGACATGCGGAAAAAGAAGCATTGAAAAAATCACAGATGATCAGCAAGAATCCCTAAACAA
ATGGAAGTCAAAGGAGGCATGCAAGTGAAGATTTAAAGGAAGCCATGTTTTTACAGCAGCCCGCAGA
TTTAAAGGAAAAGGAAGGGTAATAGGCCTGGTTATGCTGGGCACCCAAAGGAAGGACAGTTTCATG
GAAGGAGGACAAGATTTGATGATGATCGTCGTCGTTGACCAATGAAAAGAGGAAGAGATGGAAGAGA
CAGAGAAGAACCCGCATCAAAGCATAAGAAAAGAGAAAATGGTGTAGAGACAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR206549 representing NM_001110145
 Red=Cloning site Green=Tags(s)

MAENGDNKMTALEAKICHQIEYYFGDFNLPRDKFLKEQIKLDEGWVPLETMIKFNRLNRLTTDFNVIVQ
 ALSKSKAKLMEVSADKTKIRRSRPLPEVTDEYKNDVKNRSVYIKGFPTDATLDDIKEWLDDKGGQILNI
 QMRRTLHKTFKGSIFAVFDSIQSAKKFVEIPGQKYKDTNLLILFKEDYFAKKNEERKQSKVEAKLKAKQE
 HEGRHKPGSTETRALEGKMGCLLKFSGDLDDQTCREDLHFLFSNHGEIKWVDFARGAKEGIIILFKEKAKE
 ALEKARNANNGNLLLNRKKTWKVLEGHAEKEALKKITDDQQESLNKWKSKGGHAGGRFKGSHVFTAARR
 FKGGKGNRPGYAGAPKGRGQFHGRRTFRDDEDRRRGPMKRGRDGRDREEPASKHKKRENGARDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001110145

ORF Size: 1245 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 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001110145.1](#), [NP_001103615.1](#)

RefSeq Size: 2061 bp

RefSeq ORF: 1248 bp

Locus ID: 20823

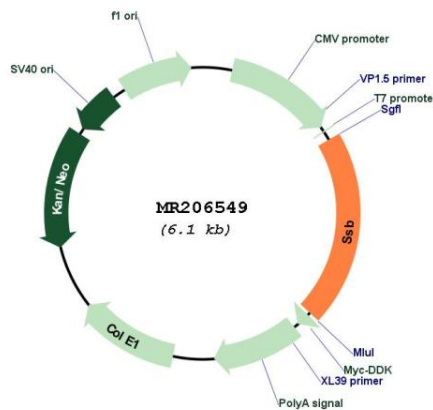
UniProt ID: [P32067](#)

Cytogenetics: 2 40.95 cM

MW: 47.8 kDa

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]

Product images:



Circular map for MR206549