

## Product datasheet for **RR213522**

### Ssb (NM\_031119) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ssb (NM\_031119) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ssb  
**Synonyms:** MGC93380  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR213522 representing NM\_031119  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTGAAAATGGAGATAACGAAAAATGGCTGCTCTGGAGGCCAAAATCTGTCATCAAATTGAGTATT  
ATTTTGGAGACTTCAATTTGCCACGAGACAAGTTTTTAAAAGAACAGATCAAATGGATGAAGGCTGGGT  
ACCTTTGGAAACAATGATAAAATCAACAGGCTAAACCGACTGACAACAGACTTTAATGTAATCGTGCAA  
GCATTGAGCAAATCTAAGGCAAATCTCATGGAAGTGAGTGACAGACAAAATAAAATTAGAAGATCACAA  
GCAGACCACTCCCTGAAGTGACGGATGAGTATAAGAATGATGTGAAAAATAGATCTGTTTATATTAAGG  
CTTCCCAACTGATGCCACCCTTGATGATATAAAAGAATGGCTAGATGATAAAGGCCAAAATACTGAATATT  
CAGATGAGAAGAACATTGCACAAAACATTTAAGGGTCAATATTTGCTGTGTTTGATAGTATTCAGTCTG  
CAAAGAAGTTTGTGGACACCCCGGCCAGAAGTACAAAGACACTAATCTGCTAATACTCTCAAGGAAGA  
TTACTTTGCAAAAAAATGAAGAAAGAAAGCAGAGCAAAGTGAAGCTAAATTAAGCTAAACAAGAA  
CATGAAGGACGACACAAACCAGGAAGTACTGAAACAAGAGCTCTAGAAGGAAAAATGGGATGCTTACTGA  
AGTTTTTCAGGTGACTTGGATGACCAGACCTGTAGAGAAGTTTACACTTCTTTTCTCAAATCATGGTGA  
AATAAAATGGATTGACTTTGTGACAGAGGAGCAAAGAGGGAATAATTCTCTTCAAAGAAAAGGCTAAGGAC  
GCCTTGAGAAAAGCCAGAAGTGCAATAATGGTAACCTACTGTTAAGGAACAAAAAGTACTTGAAAAG  
TACTAGAAGGACATGCAGAAAAAGATGCAATGAAAAAATCACAGATGATCAACAAGAACTCTGAACAA  
ATGGAAGTCAAAGGAGGTGATGCAGCCCGCAGATTTAAAGGAAGTATGTTTTTACAGCAGCTCGCAGA  
TTTAAAGGAAGAGGAAAGGTAATAGACCTGCTTATGCTGGGGCACCCAAAGGAAGGACAGTTTCAAG  
GAAGGAGGACAAGATTTGATGATGATGATCATCGTCGTGGACCAGTAAAAGAGGAAGAGACGGAAGAGA  
CAGAGAAGAACC CGCATCAAAGCATAAGAAAAGAGAGAATGGTGTAGAGACAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR213522 representing NM\_031119  
 Red=Cloning site Green=Tags(s)

MAENGDNKMAALEAKICHQIEYYFGDFNLPRDKFLKEQIKLDEGWVPLETMIKFNRLNRLTTDFNVIVQ  
 ALSKSKANLMEVSADKTKIRRSRPLPEVTDEYKNDVKNRSVYIKGFPTDATLDDIKEWLDDKGQILNI  
 QMRRTLHKTFKGSIFAVFDSIQSAKKFVDTPGQKYKDTNLLILFKEDYFAKKNEERKQSKVEAKLKAKQE  
 HEGRHKPGSTETRALEGKMGCLLKFSGLDDQTCREDLHFLFSNHGEIKWIDFVRGAKEGILFKEKAKD  
 ALEKARSANNGNLLL RNKKVTWKVLEGHAEKDAMKKITDDQQESLNKWKSKGGHAARRFKGSHVFTAARR  
 FKGRGKGNRPAYAGAPKGRGQFQGRRRTRFDDDDHRRGPVKRGRDGRDREEPASKHKKRENGARDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

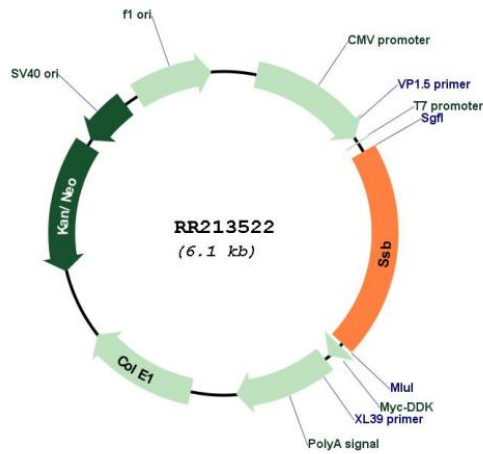
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM\_031119

<b>ORF Size:</b>	1245 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_031119.2</a> , <a href="#">NP_112381.2</a>
<b>RefSeq Size:</b>	1684 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	81783
<b>Cytogenetics:</b>	3q21
<b>MW:</b>	47.8 kDa
<b>Gene Summary:</b>	involved in tRNA processing and nuclear export [RGD, Feb 2006]