

## Product datasheet for SC335919

### SSB (NM\_001294145) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SSB (NM\_001294145) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SSB  
**Synonyms:** La; La/SSB; LARP3  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC335919 representing NM\_001294145.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

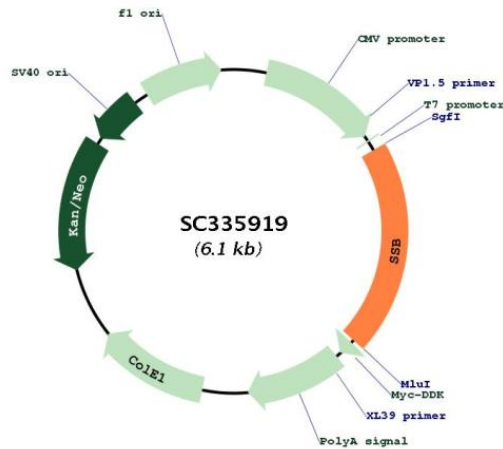
```

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GAAGAACCTGCATCCAAACAACAGAAAACAGAAAATGGTCTGGAGACCAGTAG
  
```

**Restriction Sites:** SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001294145

**Insert Size:** 1227 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:**

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\\_001294145.1](#)

**RefSeq Size:** 2043 bp

**RefSeq ORF:** 1227 bp

<b>Locus ID:</b>	6741
<b>UniProt ID:</b>	<a href="#">P05455</a>
<b>Cytogenetics:</b>	2q31.1
<b>Protein Families:</b>	Stem cell - Pluripotency, Transcription Factors
<b>Protein Pathways:</b>	Systemic lupus erythematosus
<b>MW:</b>	46.8 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is involved in diverse aspects of RNA metabolism, including binding and protecting poly(U) termini of nascent RNA polymerase III transcripts from exonuclease digestion, processing 5' and 3' ends of pre-tRNA precursors, acting as an RNA chaperone, and binding viral RNAs associated with hepatitis C virus. Autoantibodies reacting with this protein are found in the sera of patients with Sjogren syndrome and systemic lupus erythematosus. Alternative promoter usage results in two different transcript variants which encode the same protein. [provided by RefSeq, Jun 2014]</p> <p>Transcript Variant: This variant (2) has an alternate 5' UTR exon and encodes the same protein, compared to variant 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>