

## Product datasheet for SC301458

### SSBP3 (NM\_001009955) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SSBP3 (NM_001009955) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSBP3
Synonyms:	CSDP; SSDP; SSDP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301458 representing NM_001009955. Blue=Insert sequence Red=Cloning site Green=Tag(s)

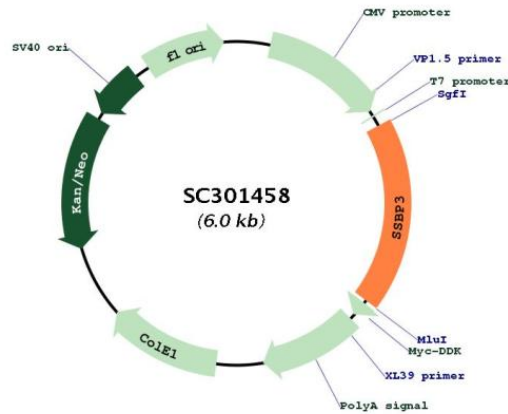
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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTTGCCAAAGGCCAAAGGCTCGGCGGTGCCCTCGGATGGGCAGGCTCGGAAAAAGTTAGCTTTATAC
GTCTACGAATATTTACTGCACGTAGGAGCACAGAAATCTGCACAGACCTTCTTATCGGAGATTCGATGG
GAAAAAATCATCACGTTGGGAGAACCCTGGGTTTTTGCCTCGTGGTGGTGTGATTTTGGGACCTT
TACTGTGCAGCTCCTGAAAGGAGAGACACTTGTGAACATTCAAGTGAAGCAAAGCCTTTCATGATTAT
AGTGCAGCAGCTGCCCGAGCCCGTGTGGCAACATCCCCCAACGATGGGATGCCGGGAGGCCCC
ATCCCGCCAGGTTTCTTTCAGCCTTTTATGTCACCGCGATACGACGGCGGCCCCAGGCCCCCGATCAGA
ATGGGAAACCAGCCTCCGGGAGGAGTTCCTGGGACACAGCCATTGCTGCCAATTCATGGATCCCACA
CGACAACAAGGCCACCCCAACATGGGAGGATCAATGCAGAGAATGAACCTCCCCGAGGCATGGGGCCC
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CCCGGGATTAACATGGGCCCGGGAGCTGGCAGACCCTGGCCCAATCTAACAGTGCTAACTCAATTTCCA
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ATGCCAGTCCCGCAGATTCAACAAATCCAGTGACAACATCTACACAATGATTAATCCAGTGCCGCT
GGAGGCAGCCGGTCCAATTCCCGATGGGTCCCGGCTCGGACGGTCCGATGGGCGGCATGGGTGGCATG
GAGCCACACCACATGAATGGATCATTAGGTCAGGCGACATAGACGGACTCCAAAAAATTCCTTAAC
AACATAAGTGGCATTAGCAATCCTCCAGGCACCCCTCGAGATGACGGCGAGCTAGGAGGGAATTCCTC
CACTCCTTTCAGAACGACAATTATTCTCAAGCATGACGATGAGTGTGTA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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## Plasmid Map:



ACCN: NM\_001009955

Insert Size: 1086 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001009955.3](#)

RefSeq Size: 3178 bp

RefSeq ORF: 1086 bp

Locus ID: 23648

UniProt ID:	<u>Q9BWW4</u>
Cytogenetics:	1p32.3
Protein Families:	Transcription Factors
MW:	37.7 kDa
Gene Summary:	<p>May be involved in transcription regulation of the alpha 2(I) collagen gene where it binds to the single-stranded polypyrimidine sequences in the promoter region.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (c) is shorter than isoform a. 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>