

## Product datasheet for RR212197

### Ssbp3 (NM\_053358) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ssbp3 (NM_053358) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ssbp3
Synonyms:	Ssdp; Ssdp3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR212197 representing NM_053358 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTTGCCAAAGGCAAAGGCTCGGCGGTGCCCTCGGACGGGCAGGCTCGGAAAAGTTAGCTTTATATG  
TCTACGAATATTTACTGCACGTAGGAGCACAGAAATCTGCACAGACCTTCTTATCAGAGATTCGATGGGA  
AAAAAACATCACACTGGGTGAACCGCTGGGTTTCTGCACTCGTGGTGGTGTGATTTTGGGACCTTAC  
TGTGCAGCTCCTGAAAGGAGAGACACTTGTGAACATCAAGTGAAGCAAAGCCTTTCATGATTACAGTG  
CAGCAGCTGCCCAAGTCTGTGCTTGGCAACATTCGCCCAATGATGGGATGCCTGGAGCCCCATCCC  
ACCAGGTTTCTTTCAGCCTTTTATGTCACCGAGATATGCAGGCGGCCCCAGGCCCCCGATCAGAATGGGA  
AACCAGCCTCCAGGAGGAGTTTCTGGGACACAGCCATTGATGCCCAATCCATGGATCCCACACGACAAC  
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AACATGGGCCAGGAGCTGGCAGACCCTGGCCCAATCCCAACAGTGCTAACTCAATCCCCTACTCCTCCT  
CATCACCCGGAACCTATGTGGACCCCTGGTGGTGGCGCCCTCCTGGAACCCCATCATGCCTAGTCC  
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TCTAACTTTCCAATGGGTCTGGCTCAGATGGCCCAATGGGCGGCATGGGAGGCATGGAGCCACACCACA  
TGAATGGATCCTTAGGATCAGGGCAGATAAATGGACTTCCAAAAAATTCTCTAACAAACATAAGTGGCAT  
TAGCAACCCTCCAGGCACCCCTCGGGATGACGGCGAGCTGGGGGGAACCTCCTCCACTCCTCCAGAAC  
GACAATTATTCTCAAGCATGACGATGAGTGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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**Protein Sequence:** >RR212197 representing NM\_053358  
 Red=Cloning site Green=Tags(s)

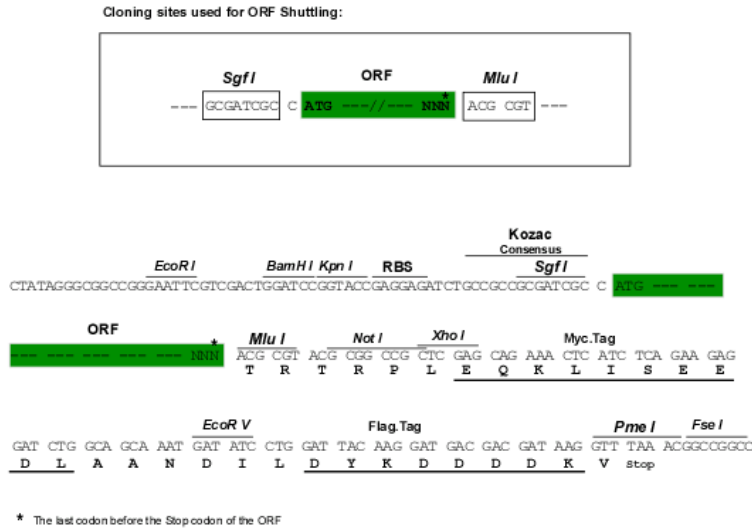
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 SNFPMGPGSDGPMGGMGMEPHHMNGSLGSGDINGLPKNSPNNISGINSNPPGTPRDDGELGGNFLHSFQN  
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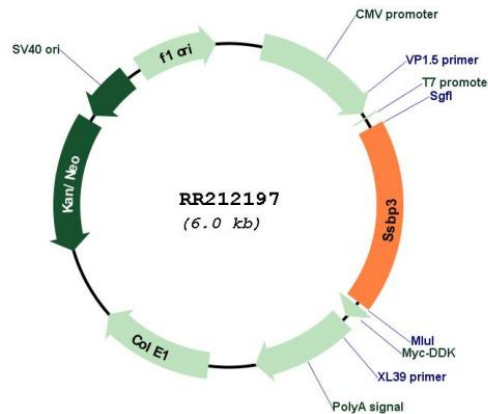
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_053358

<b>ORF Size:</b>	1083 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_053358.1</a> , <a href="#">NP_445810.1</a>
<b>RefSeq Size:</b>	1917 bp
<b>RefSeq ORF:</b>	1086 bp
<b>Locus ID:</b>	84354
<b>UniProt ID:</b>	<a href="#">Q9R050</a>
<b>Cytogenetics:</b>	5q34
<b>MW:</b>	37.7 kDa
<b>Gene Summary:</b>	chicken homologue participates in the transcriptional regulation of the alpha 2(I) collagen gene [RGD, Feb 2006]