

## Product datasheet for **RG200988**

### SSBP4 (NM\_032627) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SSBP4 (NM_032627) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SSBP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200988 representing NM_032627 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTACGCCAAGGGGGCAAGGGTTCGGCCGTGCCCTCCGACAGCCAGGCCCGCGAGAAGTTGGCGCTGT  
ACGTTTATGAGTACCTGCTGCACATCGGTGCCAGAAGTCAGCCCAGACCTTCTGTCTGAGATCCGATG  
GGAGAAGAATCAGCTGGGGGAGCCCCCTGGTTCTGCACTCCTGGTGGTGCCTTCTGGGACCTG  
TACTGCGCGCGCCTGACAGAAGAGAGGCTGCGAGCACTCCGGCGAGGCCAAGGCCCTCCAGACTATA  
GTGCTGCAGCCGCCCCAGCCCCGTTATGGGGAGTATGGCCCCAGGTGACACAATGGCCGACGGCTCCAT  
GGCGGCTGGCTTCTCCAGGGCCCCCGGCTCCAGCGTCCCCCACAAACCCAAACGCCCCATGATG  
GGGCTCACGGTCAGCCCTTCATGTCACCGCGCTTCCAGGGGGCCCCGGCCACCCTGCGGATGCCGA  
GTCAGCTCCCGCAGGCCTCCCTGGCTCCAGCCCTCCTCCCTGGCGCCATGGAGCCCTCCCCACGAGC  
CCAGGGGCATCCGAGCATGGCGGCCAATGCAGAGGGTGACGCCTCCTCGTGGCATGGCCAGCGTGGG  
CCCCAGAGCTATGGAGGTGGCATGCGACCCCCACCAACTCCCTCGCCGGCCAGGCCTGCCTGCCATGA  
ACATGGGCCAGGAGTTCGTGGCCCGTGGGCCAGCCCCAGTGGAACTCGATCCCCTACTCCTCCTCATC  
CCCCGGCAGCTACACCGACCCCAGGAGGAGTGGGCCCTGGAACACCCATCATGCCTAGCCCTGGA  
GATTCCACCAACTCCAGCGAAAACATGTACACTATCATGAACCCATCGGGCAGGGCGCCGCGAGGCTA  
ATTTCCCGCTCGCCCTGGCCCCGAGGGCCCCATGGCCGCCATGAGCGCATGGAGCCTCACCACGTGAA  
CGGATCCCTGGGCTCGGGCGACATGGACGGTTGCCGAAGAGTCCCCCGGCGCCGTGGCCGGCCTGAGC  
AACGCCCCGGGCACCCCGCGGGACGACGGCGAGATGGCGGCCCGGGACCTTCTGACCCGTTCCCGA  
GCGAAAGCTACTCGCCAGGGATGACCATGAGCGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG200988 representing NM\_032627  
Red=Cloning site Green=Tags(s)

MYAKGGKGSVAPSDSQAREKLALVYVEYLLHIGAQKSAQTFLSEIRWEKNITLGEPPGFLHSHWCVFWDL  
 YCAAPDRREACEHSGEAKAFQDYSAAAPSPVMGSMAPGDTMAAGSMAAGFFQGPPGSQPSPHNPAPMM  
 GPHGQPFMSPRFPGGPRPTLRMP SQPPAGLPGSQFLLPGAMEPS PRAQGHPSMGGMQQRVTPPRGMASVG  
 PQSYGGGMRPPPNLAGPGLPAMNMGPVVRGPWASPSGNSIPYSSSSPGSYTGPPGGGGPPGTPIMPSPG  
 DSTNSSENMYTIMNPIGQAGRANFPLGPGPEGPMAAMSAMEPHHVNGSLGSGDMDGLPKSSPGAVAGLS  
 NAPGTPRDDGEMAAAGTFLHPPFPSESYSPGMTMSV

TRTRPLE - GFP Tag - V

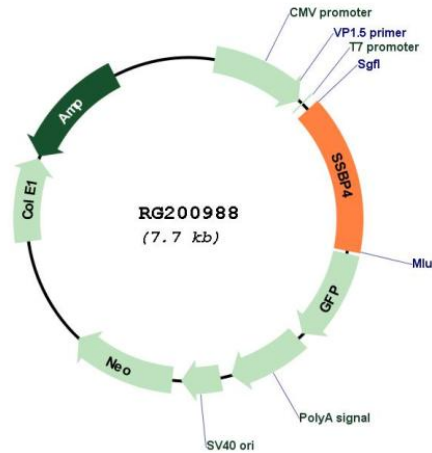
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_032627

<b>ORF Size:</b>	1155 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_032627.5</a>
<b>RefSeq Size:</b>	1884 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	170463
<b>UniProt ID:</b>	<a href="#">Q9BWG4</a>
<b>Cytogenetics:</b>	19p13.11
<b>Domains:</b>	LisH, SSDP
<b>Protein Families:</b>	Transcription Factors