

Product datasheet for **RG220634**

SSBP3 (NM_001009955) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SSBP3 (NM_001009955) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SSBP3
Synonyms: CSDP; SSDP; SSDP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG220634 representing NM_001009955
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTGCCAAAGGCAAAGGCTCGGCGGTGCCCTCGGATGGGCAGGCTCGGAAAAAGTTAGCTTTATACG
 TCTACGAATATTTACTGCACGTAGGAGCACAGAAATCTGCACAGACCTTCTTATCGGAGATTCGATGGGA
 AAAAAACATCACGTTGGGAGAACCCTGGGTTTTTGCCTCGTGGTGGTGTGATTTTGGGACCTTTAC
 TGTGCAGCTCCTGAAAGGAGAGACACTTGTGAACATTCAAGTGAAGCAAAAGCCTTTCATGATTATAGTG
 CAGCAGCTGCCCGAGCCCGTCTGGCAACATTCACCCCAACGATGGGATGCCGGGAGGCCCATCCC
 GCCAGTTTTCTTTCAGCCTTTATGTACCGCGATACGCAGGCGGCCCGAGGCCCGGATCAGAATGGGA
 AACCGCCTCCGGGAGGAGTTCCTGGGACACAGCCATTGCTGCCAATTCTATGGATCCACACGACAAC
 AAGGCCACCCCAACATGGGAGGATCAATGCAGAGAATGAACCCTCCCGAGGCATGGGGCCCATGGGTCC
 CGGCCACAGAATTACGGCAGCGCATGAGACCACCCCAACTCCCTCGGCCCGCCATGCCCGGGATT
 AACATGGGCCCGGAGCTGGCAGACCCTGGCCAATCCTAACAGTGCTAACTCAATTCATACTCCTCCT
 CATCACCTGGTACCTATGTGGGACCCCTGGTGGTGGCGGTCTCCAGGAACACCATTATGCCAGTCC
 CGCAGATTCACAAATTCAGTGACAACATCTACAAATGATTAATCCAGTGCCGCTGGAGGCAGCCGG
 TCCAATTCGCGATGGGTCCCGCTCGGACGGTCCGATGGCGGCATGGGTGGCATGGAGCCACACCACA
 TGAATGGATCATTAGGGTCAGGCGACATAGACGGACTTCCAAAAATTCTCTAACAAACATAAGTGGCAT
 TAGCAATCCTCCAGGCACCCCTCGAGATGACGGCGAGCTAGGAGGAACTTCTCCTCACTCCTTTCAAGC
 GACAATTATTCTCAAGCATGACGATGAGTGTG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG220634 representing NM_001009955
 Red=Cloning site Green=Tags(s)

MF AKGKGS AVPSD GQAREKLALVYVEYLLHVGAQKSAQTFLEIRWEKNITLGEPPGFLHSWWCVFDLY
 CAAPERDTCHESSAKAFHDYSA AAPSPVLGNIPNDGMPGGPIPPGFFQPFMSPRYAGGPRPPIRMG
 NQPPGGVPGTQPLL PNSMDPTRQQGHPNMGSMQRMNPPRGMGPMGPGPQNYGSGMRPPNSLGPAMPGI
 NMGPAGARPWPNPNSANSIPYSSSSPGTYVGP PGGGGPPGTPIMPSPADSTNSSDNIYTMINPVPPGGSR
 SNFPMGSDGPMGGMGMEPHHMNGSLGSGDIDGLPKNSPNNISGISNPPGTPRDDGELGGNFLHSFQN
 DNYSPSMTMSV

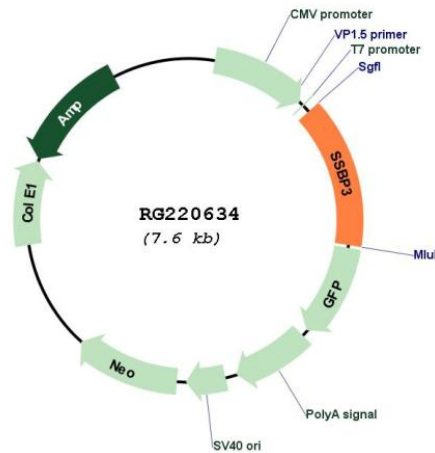
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001009955

ORF Size:	1083 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001009955.4
RefSeq Size:	1993 bp
RefSeq ORF:	1086 bp
Locus ID:	23648
UniProt ID:	Q9BWW4
Cytogenetics:	1p32.3
Protein Families:	Transcription Factors
Gene Summary:	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]