

Product datasheet for **RG200143**

SSBP3 (NM_018070) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SSBP3 (NM_018070) 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: | >RG200143 representing NM_018070 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTGCCAAAGGCAAAGGCTCGGCGGTGCCCTCGGATGGGCAGGCTCGGAAAAAGTTAGCTTTATACG
TCTACGAATATTTACTGCACGTAGGAGCACAGAAATCTGCACAGACCTTCTTATCGGAGATTCGATGGGA
AAAAACATCACGTTGGGAGAACCCTGGGTTTTGCACTCGTGGTGGTGTGATTTTGGGACCTTTAC
TGTGCAGCTCCTGAAAGGAGAGACACTTGTGAACATTCAAGTGAAGCAAAAGCCTTTCATGATTATAGT
CAGCAGCTGCCCGAGCCCCGTGCTTGCAACATTCCCCCAACGATGGGATGCCGGGAGGCCCATCCC
GCCAGGTTTCTTTCAGGGTCTCCGGGGTACAGCCCTCGCCGACGCACAGCCTCCACCTCACAATCCT
AGCAGCATGATGGGACCCACAGTCAGCCTCCGGGAGGATTCCTGGGACACAGCCATTGCTGCCAATT
CTATGGATCCCACACGACAACAAGGCCACCCCAACATGGGAGGATCAATGCAGAGAATGAACCTCCCCG
AGGCATGGGGCCCATGGGTCCCGGCCACAGAATTACGGCAGCGGCATGAGACCACCCCAACTCCCTC
GGCCCCGCATGCCCGGATTAACATGGGCCGGGAGCTGGCAGACCCTGGCCCAATCCTAACAGTGCTA
ACTCAATTCCATACTCCTCCTCATCACCTGGTACCTATGTGGGACCCCTGGTGGTGGCGGTCTCCAGG
AACACCCATTATGCCAGTCCCGCAGATTCAACAAATTCAGTGACAACATCTACACAATGATTAATCCA
GTGCCCTGGAGGCAGCCGGTCCAACCTCCGATGGGTCCCGCTCGGACGGTCCGATGGCGGCATGG
GTGGCATGGAGCCACCCACATGAATGGATCATTAGGGTCAGGCGACATAGACGGACTTCAAAAAATTC
TCTAACAAACATAAGTGCCATTAGCAATCCTCCAGGCACCCCTCGAGATGACGGCGAGCTAGGAGGGAAC
TTCTCCACTCCTTTCAGAACGACAATTATTCTCCAAGCATGACGATGAGTGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG200143 representing NM_018070
 Red=Cloning site Green=Tags(s)

MFAKKGSAVPSDQGAREKLALVYVEYLLHVGAQKSAQTFLEIRWEKNITLGEPPGFLHSWWCVFDLY
 CAAPERDTCHEHSSEAKAFHDYSAAPSPVLGNIPNDGMPGGPIPPGFFQGGPGSQSPHAQPPPHNP
 SSMMGPHSQPPGGVPGTQPLLPNSMDPTRQQGHPNMGGSMQRMNPPRGMGPMGPGQNYGSGMRPPNSL
 GPAMPGINMGPAGRPWPNPNSANSIPYSSSSPGTYVGGPPGGGGPPGTPIMPSPADSTNSSDNIYTMINP
 VPPGGSRSNFPMPGSDGPMGGMGMEPHHMNGSLGSGDIDGLPKNSPNNISGISNPPGTPRDDGELGGN
 FLHSFQNDNYSPSMTMSV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018070

ORF Size: 1104 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:

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_018070.5](#)

RefSeq Size: 2014 bp

RefSeq ORF: 1107 bp

Locus ID: 23648

UniProt ID: [Q9BWW4](#)

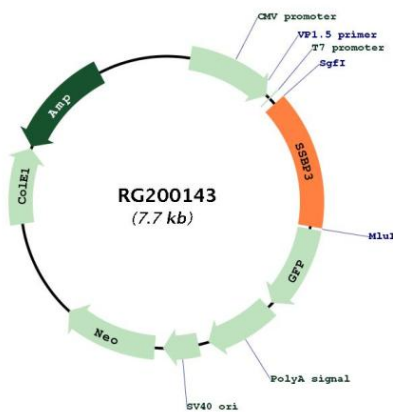
Cytogenetics: 1p32.3

Domains: LisH, SSDP

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]

Product images:



Circular map for RG200143