

Product datasheet for **RG209426**

SSBP3 (NM_145716) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SSBP3 (NM_145716) 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: | >RG209426 representing NM_145716 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTGCCAAAGGCAAAGGCTCGGCGGTGCCCTCGGATGGGCAGGCTCGGAAAAGTTAGCTTTATACG
TCTACGAATATTTACTGCACGTAGGAGCACAGAAATCTGCACAGACCTTCTTATCGGAGATTCGATGGGA
AAAAACATCACGTTGGGAGAACCCTGGGTTTTGCACTCGTGGTGGTGTGATTTTGGGACCTTTAC
TGTGCAGCTCCTGAAAGGAGAGACACTTGTGAACATTCAAGTGAAGCAAAAGCCTTTCATGATTATAGT
CAGCAGCTGCCCGAGCCCGTCTGGCAACATTCCCCCAACGATGGGATGCCGGGAGGCCCATCCC
GCCAGTTTTCTTCAGGGTCTCCGGGGTACAGCCCTCGCCGACGCACAGCCTCCACCTCACAATCCT
AGCAGCATGATGGGACCCACAGTCAGCCTTTTATGTCACCGGATACGACAGCGGCCCGCCAGGCCCGCA
TCAGAATGGGAAACCAGCCTCCGGGAGGAGTTCCTGGGACACAGCCATTGCTGCCAATTCTATGGATCC
CACACGACAACAAGGCCACCCCAACATGGGAGGATCAATGCAGAGAATGAACCCTCCCGAGGCATGGGG
CCCATGGGTCCCGGCCACAGAATTACGGCAGCGGCATGAGACCACCCCAACTCCCTCGGCCCGCCA
TGCCCGGATTAACATGGGCCCGGAGCTGGCAGACCTGGCCCAATCCTAACAGTGCTAACTCAATTCC
ATACTCCTCCTCATCACCTGGTACCTATGTGGGACCCCTGGTGGTGGCGGTCTCCAGGAACACCCATT
ATGCCAGTCCCGCAGATTCAACAAATCCAGTGACAACATCTACACAATGATTAATCAGTGCCGCCTG
GAGGCAGCCGGTCCAACCTCCCGATGGTCCCGCTCGGACGGTCCGATGGGCGGCATGGGTGGCATGGA
GCCACACCACATGAATGGATCATTAGGGTCAGGCGACATAGACGACTTCCAAAAAATTCTCCTAACAA
ATAAGTGGCATTAGCAATCCTCCAGGCACCCCTCGAGATGACGGCGAGCTAGGAGGGAATTCTCCACT
CCTTTCAGAACGACAATTATTCTCCAAGCATGACGATGAGTGTG

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG209426 representing NM_145716
 Red=Cloning site Green=Tags(s)

MFAKGGKSAVPSDQGAREKLALVYVEYLLHVGAQKSAQTFLSEIRWEKNITLGEPPGFLHSWWCVFDLY
 CAAPERDTCHEHSSEAKAFHDYSAAPSPVLGNIPNDGMPGGPIPPGFFQGGPPGSQPSHAQPPPHNP
 SSMMPHSQPFMSPRYAGGPRPPIRMGNQPPGGVPGTQPLLPNSMDPTRQQGHPNMGSMQRMNPPRGMG
 PMGPGPQNYGSGMRPPNSLGPAMPGINMGPGAGRPWPNPNSANSIPYSSSSPGTYVGGPPGGGPPGTPI
 MPSPADSTNSSDNIYTMINPVPPGGSRSNFPMGPGSDGPMGGMGMEPHHMNGSLGSGDIDGLPKNSPNN
 ISGISNPPGTPRDDGELGGNFLHSFQNDNYSPSMTMSV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145716

ORF Size: 1164 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_145716.4](#)

RefSeq Size: 2074 bp

RefSeq ORF: 1167 bp

Locus ID: 23648

UniProt ID: [Q9BWW4](#)

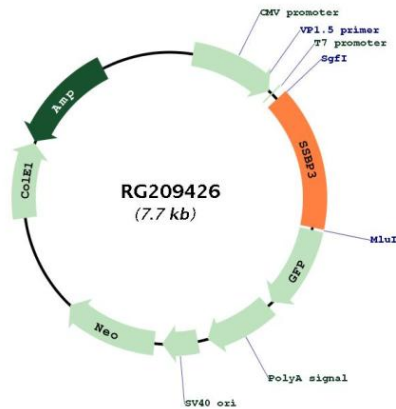
Cytogenetics: 1p32.3

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 RG209426