

## Product datasheet for **RG206906**

### SRFBP1 (NM\_152546) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SRFBP1 (NM\_152546) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** SRFBP1  
**Synonyms:** BUD22; P49; p49/STRAP; Rib1; STRAP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG206906 representing NM\_152546  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTCAGCCGGAACTCTGAACCTCAATAACGAGGTTGTGAAGATGAGAAAAGAAGTGAAGAGAATTC  
 GAGTTTTAGTTATCCGAAAACCTTGTCAGGAGTGTGGCCGACTGAAGTCAAAAAGGGTACTGAAGATGC  
 ACTGTTAAAAACCAAAGACGGGCGCAAAGATTGCTTGAAGAAATCCATGCCATGAAGGAATTGAAACCT  
 GACATAGTAACTAAATCTGCTCTTGGTGATGATATCAACTTTGAAAAATCTTCAAAAAGCCAGATTCTA  
 CTGCAACTGAAAGAGCAATTGCCAGACTAGCAGTACATCCTCTTCTGAAGAAAAAGATAGATGTGCTAAA  
 AGCTGCTGTACAAGCCTTTAAAGAAGCAAGACAAAATGTTGCTGAAGTTGAGTCATCAAAGAATGCTTCA  
 GAGGACAATCATTCTGAGAATACTTTGTATTCAAATGATAATGGAAGTAATTTACAGCGTGAAGCAACTG  
 TCATCAGTGAGCAAAAAGTCAAAGAAACAAAATATTGGCGAAGAAACCAATACATAATTCAAAGGAAAA  
 AATAGCAAAGATGGAACATGGACCTAAAGCAGTACTATTGCAAATTCATCAAAAGCCTTCAGAAAAAG  
 GATTCTGTAGTTTCCCTTGAGTCCAGAAGACACCTGCTGACCCAAAACCTGAAAACCTAAAGTCAAACCA  
 AAAAAACAAAGGATCTGATAGCTCACTCTCTGGTAACAGTGTGGCGGAGAAGAATTTTGTGAAGAGGA  
 GAAGGAATATTTGATGATAGCACAGAAGAAAGGTTTTACAAGCAGTCTCCATGTCTGAAGATAGTGAT  
 AGCGGTGACGACTTCTTATTGGGAAAGTCAGACGGACACGAAAGAAGGAAAGTAGTTGTCAATTCCTCAG  
 TTAAGGAACAAAACCACTAGAAAAAGTGTCTTAAAGAAGATACAGGTGAAACTCATGGGGATACAAG  
 AAATGACAAAATCAAGCCAAGTACAGAAACCAAGTTAGAATCAGTGTTTTTCCACTCTTTATCTGGA  
 TCTAAAAGCTCTAGAAGAAATTTCAAAGAACAGGCTCCAAAAACAAGATCCCTAGATTTTCCACAGAATG  
 AGCCTCAGATCAAGAATCAGTTTAAAGAAGCTATCAGGAAGACTTGAAAATACAAAACAGCAATTGCA  
 GCTGCCTCTTCATCCTTCATGGGAAGCAAGCAGAAGGCCGAAAAGAACAGCAATCTAATATTGCTGTGTT  
 CAGGGGAAAAAATTACGTTTGATGAT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >RG206906 representing NM\_152546  
Red=Cloning site Green=Tags(s)

MAQPGLNLNNEVVKMRKEVKRIRVLVIRKLVRSVGRLLKSKKGTEDALLKNQRRARLLEEIHAMKELKP  
 DIVTKSALGDDINFEKIFKKPDSTATERAIARLAVHPLLKKKIDVLKAAVQAFKEARQNVAEVSSKNAS  
 EDNHSENTLYSNDNGSNLQREATVISEQVKVETKILAKKPIHNSKEKIAKMEHGPKAVTIANSPPKSEK  
 DSVVLSLESQKTPADPKLKTLSQTKKNKGSDDLGNSDGGEEFCEEEKEYFDDSTEERFYKQSSMSDSD  
 SGDDFFIGKVRRTKKESSCHSSVKEQKPLEKVLKEDTGETHGDTRNDKIKPSTETRKLESVFFHLSG  
 SKSSRRNFKEQAPKTRSLDFPQNEPQIKNQFNKKLSGRLENTKQQLPLHPSWEASRRRKEQSSNIAVF  
 QGKKITFDD

TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_152546

**ORF Size:** 1287 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_152546.3](#)

**RefSeq Size:** 2836 bp

**RefSeq ORF:** 1290 bp

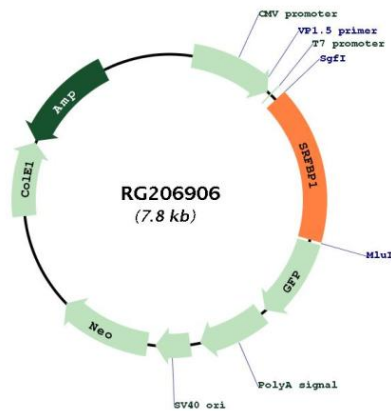
**Locus ID:** 153443

**UniProt ID:** [Q8NEF9](#)

**Cytogenetics:** 5q23.1

**Gene Summary:** May be involved in regulating transcriptional activation of cardiac genes during the aging process. May play a role in biosynthesis and/or processing of SLC2A4 in adipose cells (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG206906