

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
 GACATAGTAACTAAATCTGCTCTTGGTGTATGATATCAACTTTGAAAAATCTTCAAAAAGCCAGATTCTA
 CTGCAACTGAAAGAGCAATTGCCAGACTAGCAGTACATCCTCTTCTGAAGAAAAAGATAGATGTGCTAAA
 AGCTGCTGTACAAGCCTTTAAAGAAGCAAGACAAAATGTTGCTGAAGTTGAGTCATCAAAGAATGCTTCA
 GAGGACAATCATTCTGAGAATACTTTGTATTCAAATGATAATGGAAGTAATTTACAGCGTGAAGCAACTG
 TCATCAGTGAGCAAAAAGTCAAAGAAACAAAATATTGGCGAAGAAACCAATACATAATTCAAAGGAAAA
 AATAGCAAAGATGGAACATGGACCTAAAGCAGTACTATTGCAAATTCATCAAAAGCCTTCAGAAAAAG
 GATTCTGTAGTTTCCCTTGAGTCCAGAAGACACCTGCTGACCCAAAACCTGAAAACCTAAAGTCAAACCA
 AAAAAACAAAGGATCTGATAGCTCACTCTCTGGTAACAGTGTGGCGGAGAAGAATTTGTGAAGAGGA
 GAAGGAATATTTGATGATAGCACAGAAGAAAGGTTTTACAAGCAGTCTCCATGTCTGAAGATAGTGAT
 AGCGGTGACGACTCTTCATTGGGAAAGTCAGACGGACACGAAAGAAGGAAAGTAGTTGTCAATTCCTCAG
 TTAAGGAACAAAACCACTAGAAAAAGTGTCTTAAAGAAGATACAGGTGAAAACCTCATGGGGATACAAG
 AAATGACAAAATCAAGCCAAGTACAGAAACCAAGTTAGAATCAGTGTCTTCCACTCTTTATCTGGA
 TCTAAAAGCTCTAGAAGAAATTTCAAAGAACAGGCTCCAAAAACAAGATCCCTAGATTTTCCACAGAATG
 AGCCTCAGATCAAGAATCAGTTTAAAGAAGCTATCAGGAAGACTTGAAAATACAAAACAGCAATTGCA
 GCTGCCTCTTCATCCTTCATGGGAAGCAAGCAGAAGGCGAAAAGAACAGCAATCTAATATTGCTGTGTT
 CAGGGGAAAAAATTACGTTTGATGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206906 representing NM_152546
 Red=Cloning site Green=Tags(s)

MAQPGLNLNNEVVKMRKEVKRIRVLVIRKLVRSVGRLLKSKKGTEDALLKNQRRARLLEEIHAMKELKP
 DIVTKSALGDDINFEKIFKPKDSTATERAIARLAVHPLLKKKIDVLKAAVQAFKEARQNVAEVSSKNAS
 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.

RefSeq: [NM_152546.3](#)

RefSeq Size: 2836 bp

RefSeq ORF: 1290 bp

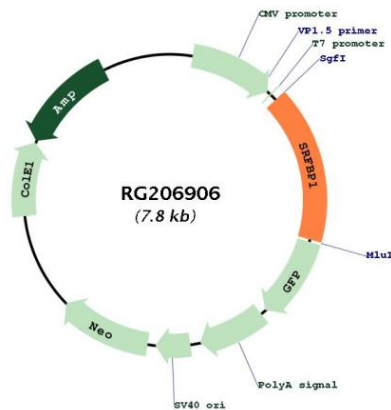
Locus ID: 153443

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