

Product datasheet for SC127279

SRFBP1 (NM_152546) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRFBP1 (NM_152546) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRFBP1
Synonyms:	BUD22; P49; p49/STRAP; Rib1; STRAP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_152546 edited
 ATGGCTCAGCCGGAACTCTGAACCTCAATAACGAGGTTGTGAAGATGAGAAAAGAAGTG
 AAGAGAATTCGAGTTTTAGTTATCCGAAAACCTGTCAGGAGTGTGGCCGACTGAAGTCA
 AAAAAAGGTAAGTGAAGATGCACTGTTAAAAAACCAAGACGGGGCCAAAGATTGCTTGAA
 GAAATCCATGCCATGAAGGAATTGAAACCTGACATAGTAACTAAATCTGCTCTTGGTGAT
 GATATCAACTTTGAAAAATCTTCAAAAAGCCAGATTCTACTGCAACTGAAAGAGCAATT
 GCCAGACTAGCAGTACATCCTCTTCTGAAGAAAAAGATAGATGTGCTAAAAGCTGCTGTA
 CAAGCCTTTAAAGAAGCAAGACAAAATGTTGCTGAAGTTGAGTCATCAAAGAATGCTTCA
 GAGGACAATCATTCTGAGAATACTTTGTATTCAAATGATAATGGAAGTAATTTACAGCGT
 GAAGCAACTGTCATCAGTGAGCAAAAAGTCAAAGAAAACAAAATATTGGCGAAGAAACCA
 ATACATAATTCAAAGGAAAAAATAGCAAAGATGGAACATGGACCTAAAGCAGTGACTATT
 GCAAATTCCTCCATCAAAGCCTTCAGAAAAGGATTCTGTAGTTTCCCTTGAGTCCCAGAAG
 ACACCTGCTGACCCAAAACCTGAAAACCTTAAGTCAAACCAAAAAAACAAGGATCTGAT
 AGCTCACTCTCTGGTAACAGTGATGGCGGAGAAGAATTTTGTGAAGAGGAGAAGGAATAT
 TTTGATGATAGCACAGAAGAAAGTTTTACAAGCAGTCTTCCATGTCTGAAGATAGTGAT
 AGCGGTGACGACTTCTTCATTGGGAAAGTCAGACGGACACGAAAGAAGGAAAGTAGTTGT
 CATTCTCAGTTAAGGAACAAAACCACTAGAAAAAGTGTTCCTAAAGAAGATACAGGT
 GAAACTCATGGGATACAAGAAATGACAAAATCAAGCCAAGTACAGAAACCAGAAAGTTA
 GAATCAGTGTTCCTCACTCTTTATCTGGATCTAAAAGCTCTAGAAGAAATTTCAAAGAA
 CAGGCTCCAAAAACAAGATCCCTAGATTTTCCACAGAATGAGCCTCAGATCAAGAATCAG
 TTTAATAAGAAGCTATCAGGAAGACTTGAAAATACAAAACAGCAATTGCAGCTGCCTCTT
 CATCCTTCATGGGAAGCAAGCAGAAGGCGAAAAGAACAGCAATCTAATATTGCTGTGTTT
 CAGGGGAAAAAATTACGTTTGATGATTGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_152546 unedited
 CATT TTTGTAATACGACTCACTATTAGGGCGGCCGGAATTCGCACGAGAAGCAGCGGCGG
 ATCATATTCCTTCATCTACCATGGCTCAGCCGGGAACCTGAACCTCAATAACGAGGTTG
 TGAAGATGAGAAAAAGAAGTGAAGAGAATTCGAGTTTTAGTTATCCGAAAACCTTGTCAGGA
 GTGTTGGCCGACTGAAGTCAAAAAGGTTACTGAAGATGCACTGTTAAAAAACCAAAGACG
 GGCGCAAAGATTGCTTGAAGAAATCCATGCCATGAAGGAATTGAAACCTGACATAGTAAC
 TAAATCTGCTCTTGGTGATGATATCAACTTTGAAAAATCTTCAAAAAGCCAGATTCTAC
 TGCAACTGAAAGAGCAATTGCCAGACTAGCAGTACATCCTCTTCTGAAGAAAAAGATAGA
 TGTGCTAAAAGCTGCTGTACAAGCCTTTAAGAAGCAAGACAAAAATGTTGCTGAAGTTGA
 GTCATCAAAGAATGCTTCAGAGGACAATCATTCTGAGAATACTTTGTATTCAAATGATAA
 TGGAAGTAAATTTACAGCGTGAAGCAACTGTCATCAGTGAGCAAAAAGTCAAAGAAACCAA
 AATATTGGCGAAGAAACCAATACATAATTCAAAGGAAAAAATAGCAAAGATGGAACATGG
 ACCTAAAGCAGTACTATTGCAAATTCCTCATCAAAGCCTTCAGAAAAGGATTCTGTAGT
 TTCCTTGAGTCCAGAGACACCTGCTGACCCAACTGAAAACCTAGTCAAACAAAAA
 ACAAGATCTGTAGCTACTCTCTGGTACAGTGATGCGGAGAAAAATTTGTGAAGAGAGAAG
 GATATTTTGTGATAGCCAGAAGAAGTTTACAGCGTCTTCATGCTGAGATATGATAGCGG
 GACGACTTTCATGGAAGTCGACGACCNAAGAGAAAGTGTGTCTTCTCAGTAGGACAAAC
 CTANAAAGGTCTTAAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_152546 unedited
 AGTTTAATCTTTTTTTTTTAAATATACANTTCTTGTTATTTAATGGAAATATTTATATGC
 AGTGAAACATAAAACAAATTATTGGTTGTATTGCTATATTTAAACAATTTTCTTAACTAA
 AATATAATTAAGAATCCCAAAATTTGCTCCTAGACAACCTATTTTAGAATCAAAAAGTACATG
 ATCACAAGTTCTTAAAACATAATAAAATTAATATTTATCTGTACATCCATAATAAAAGT
 TACTATTTTAGTTTGCTAACAAGAATGATTTTTAACAAGGGTGATCTGGTTTAAATAGCT
 GATTTCCCTATGTTTCCATTATTATTTTAAATATATATTGACATTTATGTTTAAAGGAAACA
 ACAGAGCTGAACCAAGTGAAGCACATTTTCATGATAAGCACTAAAGAGAAAAATGAGATCA
 CTAAAATCCCAAAATTTACTTCATAAGGGAAACAGTCTGAGGGATATTATTAATAATCAAT
 TTAAGTACATATTGGATTGTGAAAGGCTTATAAAGCGTAAGTTGAATTTACTTTAAAA
 AAAAATACAAAAACAAACATTCTATAATTCTCCCAAGAGACTTATTCAAATACGAGTTT
 AAGTAATAGCTGCAGAGCCTGGGGTGAGAAAGCTGGGCATGGTAGTGCATGCACCTGCAG
 TCCCAGCCCTTTGGGAGGCAGAGGTGGGAGGATCACTTGAGCCCCAGGAGTTGAAGCTGC
 AGTGAGCTGTGATTGGCATTGTACTCTAGTCTGGGCAACAGAATGAGATCCTGTCCCA
 AAAAAACATTTTTTTTTTATATGGAAAAGTTGGCGAAAGAGCCCTTATCAATCTCAA
 CGTAATTTTTTTCCCTGGACC

Restriction Sites:

NotI-NotI

ACCN:

NM_152546

Insert Size:

2200 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:

The open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_152546.2

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_152546.1](#), [NP_689759.1](#)

RefSeq Size: 2171 bp

RefSeq ORF: 1284 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]