

Product datasheet for RN203476

Srfbp1 (NM_001005536) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srfbp1 (NM_001005536) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srfbp1
Synonyms:	p49/STRAP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203476 representing NM_001005536 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCGGACCCCTCTCCTCCGTCGCAATGGCTCAGCCGAGACCTCTGAACCTCAATAACGAGGTTG
TAAAGATGAGAAAAGAAGTGAAGCGAATCCGAGTTCTGGTCATCCGAAACTAGTCCGGAGTGTCAGCAG
ACTGAAGTCCAAAAGGGCTCTGAAGATGCACTGTTGAAAAACAAAGGGCAGCCAGAGTTGCTTCAA
GAAATCCATGCCATGAAGGAATTGAAACCTGATGTCATAACTAAATCTGCCTTAATGATGATATCAACT
TTGAAAAAATTGCAAAAAGCCAGATTCTACTGCAACTGAGAGAGCGATTGCCAGATTAGCAGTTCACCC
TCTTCTGAAGAGGAAAAGTTGATGCGCTAAAAGTGCTATCCAGGCCTTCAAAGACGCAAGGCAGAATGCT
CCGGAGGCTGAGTCATCTAAGAGTGCTTCAAAGAAAAGCCAGTGTGAGGACATCCAAGGTCACAGGCTG
AAGCAAGTGAGTCACAGCATCCTGAGAGAACTGTTGTCGGTGAGCAGAAGGGCAAGGACAAGGACCCAC
CACAGCCAAGAAGGCAGGAAGTGTTCAAAGAAAAACTGGCCAAGGGGAAGCAGGGACCCAAAGCAGTG
GCCACTCCACATTCTCCAGGGAAGCCTTCAGAAAAGGTGCTGGGATTAACCTGTAACCGCCAGGGGGCCC
CAACCCCGGGAACACAGCCAGGGGAAAGCCTCAACCAGAACCACAGAGGACAGCGTGTGTGAACCTGA
TGACAACAGCATCAGTAAGGAAGAGGTGAGCGAGGAGGAAAAGGAGTATTTTGATGACAGCACTGAAGAA
CGGTTCTACAAACAGTCCTCTGCATCTGAAGACAGTGACAGTGGGGACGACTTCTTCATTGAAAAAGTCA
GGCGGACCCGAAAGAAGGAATGTGCTGTCCCTTCTCAGCTAAGGAACAGAAGCCCTCCAAAAGTGTC
ATCCAAAACAAATACACTTGAACCCACTGGGATATAAGAAACGATAAACATAAGCTGATCCAGAAGCC
AGGAAGTTAGAATCCGTGTTTTTCCACTCTTTATCTGGACCTAAAAGCTCCAGAAGGGATCCAGAGAAC
AGGCCCAAGAATAAAGCCCGAGATATCCAGAAAATGAACCTCCAATCCAGAATAAGTTTACAAAGAG
TGCACGCAGAGGATTCGAGAGTGCGAAGCAGCCGTCGATGCACCTCTGCATCCTTCTGGGAAGCAAGC
AGGAGGCGGAAGGAGCAGCAGTCCAAAATCGCTGTGTTTCAGGGGAAGAAAATTACGTTTGTATGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001005536
Insert Size:	1329 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).
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:	<ol style="list-style-type: none">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:	<u>NM_001005536.1</u> , <u>NP_001005536.1</u>
RefSeq Size:	1540 bp
RefSeq ORF:	1329 bp
Locus ID:	291469
UniProt ID:	<u>Q66H19</u>
Cytogenetics:	18q11
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]