

Product datasheet for **SC101950**

SRSF1 (AK054610) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRSF1 (AK054610) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRSF1
Synonyms:	ASF; SF2; SF2p33; SFRS1; SRp30a
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK054610, the custom clone sequence may differ by one or more nucleotides

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CTATTAATTTGTTAATTTGTCAGTTCTGGCTTTTTGCATAAAGAGTTGGTCCATTAACCTGGCAATTTG
AAGCTTCTAACTAGATATTCCTACTGAAAGTTTTGGATTTGTTTTAGTTTGTGGAGCAGTCTTAGCTG
GGGACAGGTAATTGACAACGGCAGAGATACTTTCTTTCTAGGATTCTAAGCTGTAATCCACATCCTC
AATGTATTCACAGGACTTTAAAATTCTCTCCAAATGAGGAAGGAAATATCCTGTTGCTTTCTAATGTTTA
CTAAAAGTTGTGTTTAGAACAACAGATTTAATAGGCATCTTCTTTGTTATGTGTCATTAGCCCTTTGC
CCGTTTACCTTAGGGCTCTTTGAAGGAGAAATGGATGGGAGAAAACCTGTCACTTGGCGAAAAGTAAAAGG
GATAATTAACCTGGCTCAGAGCTTATGTGCAGAGTTCCAAGCCCCAAAGTTAATCTAGAACCCTCGATAA
CACCAATAAAAAATTTTATTTACACATCTGTTATATCTGGAAAATGTTCTAAGCATCTTACACATATTT
CTCATTAATCCACAGGTGACCATTGTGAGGTAGATATTTGTTCTAATTTCCAGATGAGGAAGCTGAG
ACCCTAAAAGGTTAGGTGACAGGTTATACAACCTGGAGTGTGGGAGGAGGAGAGGAACCTGAACAGGG
CAAGTTGGGGATCTGACTTTTGTGGGTAGATGTAGGCACATTGTATTTTGGCTTAGATGCTTTATTC
ATCATGGCTGAAGGTAATACCATTTACTCACTACCGAAAATTGTTTACAATAATCTAGATGAATTTGCT
GTCTTTGGACATCTGTCTTTGACTGGACCCAGTATATAGTCTGTGGAAGCTCACTTAAGGAGAGAGCT
CCTTTTGTGTTAGAGAAAATTTCTGTCTAAAAGTAGAAAAGCCCTTCTAGGTAAGGATGGAGC
ATTTGATCATACTGGTTTCATTATTCCTCTAACAGTTGGAACCGATTGTTTTGAGTACTTGTTCAA
ACTTCTGAGTATTTTCTTCTGGAAAATAGCTCAGTGTAAAATTTACATGAACCTAAAAGGTTAATTT
TTTTTAAAGAATGTTTGGAGGCAATCAATCTGATTTTGTCTTATGGATAGAAATAGAATTAGCCATT
TTCTCAAGAAAAGTGATTTCTTGAATCTTAGCTTTTTCAGTAAAGGAACTGGACTGTTCCACTTGAC
CTCTATTTCTGTTAGTGGGAAACCGCTTCCAGAGGTGCTGTGTGAAAGATTGCTGGGAAAGGTTTC
TAGATCCAGCATAACAAGTTCAAGAGTCCAGCGATATTGTCATTAGAATAATGGTCTTCATTAAGTACT
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TATCCACTGAATGAAAATAAGAAGAATTCATTGTCCAAGGTCAGAGCAAGAACACAAATGTTTTAGTTT
ACTTAGTTAATTCCTTAGGTTTGGACATTACAGGAGACATGGGGGTGACCATAGCAATTTAGCTGATAAA
TGTATCAGAAAACCTTTCATCATTTTCTGTCCCCTCCTATCTTAGGCTGACCGGTTCCCTGATGTGTTAC
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GGGAATCAGCTCTAAAAGGAACAGACCAACGTTTTCCAGCCCTTCATTCTGGTACTGAGGGGAGGAA
AGAATGGGAGGGGTATTCTTGTCTAGTGGATGAAAGGAAACACACTGTCAAATTAATATCTCCTTG
GTTTTCTATTACAGTAGAATTCAGCCATATTTTTATTGTCTATGGGGAAAGTTGGAGATGGTGACCT
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CTTAAAAAATAGCGTCCATCTGAAGGATTTTTTCTAAAACCAGAGTTTATAAAAAATCACTGATACAGC
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TGATATCCCAGTAGCTTCCCTCTGTGTGAGGAAAGGATAGAAATGTTTCCAGGACATCATACAGGCTC
CTCATCTACAAAGTTCCAGTAGCAGTGACGCCTACACGGAAGACTTGGAACTGCAACAGGCTGGGGTCA
CCTCAGTGACATCTGACGCTGTCCAACCAAGGTTTCGATTTTTGTTCTGGGGTGAAGGAGGAAACAGAC
TGACTAAAGGACTAAAATAATTTGTCTATACT
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK054610 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGTTGCTTTTTCTCCTG
 ATTGTATTGAGGCTGATATGGAAGGGTTATTTCTTTCTGGCCAATACTTTTTGGTATTTCT
 TAAATATTGCAATCTTGATTTTTACTATTAATTTGTTAATTGTCAGTTCTGGCTTTTTT
 GCATAAAGAGTTGGTCCATTAACCTGCAATTTGAAGCTTCTAACTAGATATTCCTACT
 GAAAGTTTTGGATTTGTTTTAGTTTGTGGAGCAGTCTTAGCTGGGGACAGGTAATTGAC
 AACGGCAGAGATACTTTCTTTCTAGGATTCTAAGTCTGTAATCCACATCCTCAATGTA
 TTCACAGACTTTAAAATCTCTCCAAATGAGGAAGGAAATATCCTGTTGCTTTCTAATG
 TTTACTAAAAGTTGTGTTTAGAACCAACAGATTTTAATAGGCATCTTCCTTTGTTATGTGT
 CATTAGCCCTTTGCCGTTTACCTTAGGGCTCTTTGAAGGAGAAATGGATGGGAGAAAAC
 CTGTCACTTGGCGAAAAGTAAAAGGGATAATTAAGTGGCTCAGAGCTTATGTGCAGAGTTC
 CAAGCCCCAAAGTTAATCTAGAACCCTCGATAACACCAATAAAAATATTTATTTACAT
 CTGTTATATATCTGGAAAATGTTCTAAGCATCTTACACATATTTCTATTAAATCCACAG
 GTGACCATTGTGAGGTAGATATNTGTTCTAATNTCCAGATGAAGAAGCTGAGACCCTA
 ANAGGTTANGTGACAGGTTATACACTTNGNAGTGTGGGAAGGAGAAAGAAGAACCTGACA
 GNGGCAGTNGGGATCTGACACTTGNNTGGGTAGAGTAGCACATTGTATTTTGNCTT

3' Read Nucleotide Sequence:

>OriGene 3' read for AK054610 unedited
 AATAGCTGTGNACCGCGGCCGCATTTCTANGATCGAGTTTTTTTTTTTTTTTTTTTGTGACA
 AGAAATATTTTAGTCCTTAGTACAGTCTGTTTCTCCTTACACCCANAAACAAAATCG
 AACTTCTGGTTGGACAGCGTCAGATGTCAGTGGAGGACCCAGCCTGTTTGCAGTTCCA
 AGTCTTCCGTGTAGGCGTCACTGCTACTGGAACTTGTAGATGAGGAGCCTGTATGATGA
 TGTCTGAACATTTCTATCCTTTCTCACACAGAGGGAAGCTACTGGGAATATCAGAGAC
 AAGCTATTATTAACAAGTGTCTCTAGTCCAAGACATCTCCTGTGGCAGGGAAATGAGGG
 GGCAGGCTGTATCAGTGATATTTTATAAACTCTGGTTTTAGAAAAAATCTTTCAGATGG
 ACGCATTATTTAAGACTTTAACATTTTCCAAAACCAACTGAATCTTATCCCCTCCATTT
 ATCCCCCTCCAGACACTTCTAATCAAGGTCAACATCTCCAACCTCCCCATAGACAATAA
 AAATATGGCTGGAGAATTCTACTGTAATAGAAAACCAAGGAGATAGTAATTTGACAGT
 GTGTTTCTTTCCATCCACTAGACAAGAATACCCCTCCCATTCTTTCTCCCCTCAGTC
 ACCAGAATGAAGGGGCTGAAAAACGTTGGTCTGGTTCTTTTAGAGCTGATTTCCCATTTG
 GATACTGCCTGGAGGCCTTGGGGATGAATGAGAAGTTCTGCAGTTTGGATCAGTAGCAGA
 AGCAGGTAACACATCAGGGAACCGGTCAGCCTAAGATAGGAGGGGACCAGAAATGATGAA
 AGAGTTTCTGATACATTTATCAGCTAAATTGCTATGGTCACCCCATGTCTCCCTGTATG
 TCCCAACCTNAGGAATTACTAAGTAACTAAACCTT

Restriction Sites:

NotI-NotI

ACCN:

AK054610

Insert Size:

3000 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:

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: [AK054610.1](#)

RefSeq Size: 2483 bp

RefSeq ORF: 2483 bp

Locus ID: 6426

Cytogenetics: 17q22

Protein Families: Stem cell - Pluripotency

Protein Pathways: Spliceosome

Gene Summary: This gene encodes a member of the arginine/serine-rich splicing factor protein family. The encoded protein can either activate or repress splicing, depending on its phosphorylation state and its interaction partners. Multiple transcript variants have been found for this gene. There is a pseudogene of this gene on chromosome 13. [provided by RefSeq, Jun 2014]