

Product datasheet for **SC102448**

SFRS2B (SRSF8) (NM_032102) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFRS2B (SRSF8) (NM_032102) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFRS2B
Synonyms:	DSM-1; SFRS2B; SRP46
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102448 sequence for NM_032102 edited (data generated by NextGen Sequencing)

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ATGAGCTGCGGCCGCCCTCCCGACGTGGACGGCATGATCACCTCAAGGTGGACAAC
CTGACCTACCGCACCTCTCCCGACAGCTTGAGGCGCGTGTTCGAGAAGTACGGGCGCGTG
GGCGACGTGTACATCCCGCGGGAGCCCCACACCAAGGCGCCCCGGGGCTTCGCTTTCGTC
CGCTTTCACGACCGGCGCGAGCCCAAGACGCCGAGGCCCATGGACGGGGCGGAGCTG
GACGGACGCGAGCTGCGGGTGCAGGTGGCGCGCTATGGCCGCGGGACCTGCCCCGAGC
CGCCAGGGAGAGCCACGCGGCAGGTCCAGAGGCGCGGCTACGGACGGCGGAGCCGAGC
TACGGGCGGGAGCCGCGAGCCCCAGGCGGCGACACCGCAGCCGATCCCGGGTCCCAGC
TGCTCCAGGTCCCGCAGCCGATCTCGCTATAGGGTTCTCGCTATAGCCGGTCTCCCTAC
AGCCGATCTCCTTACAGCCGGTTCGCGCTACAGCCGCTCTCCCTACAGCAGATCTCGCTAC
AGGGAATCTCGCTACGGCGGATCTCACTACAGCTCATCTGGTTACAGTAACTCTCGCTAC
AGCCGATATCACAGCAGCCGGTCTCACTCGAAGTCTGGGTCTCCACTAGCTCTCGCTCT
GCATCAACCTCCAAATCGAGCTCTGCGGACGATCCAAGTCTCCTCGGTCTCCAGGTCT
CGCTCGCGGTCCAGGTCTTATCTATGACCAGGAGTCTCCCCGGGTATCCAAGAGGAAA
TCCAAGTCAAGGTCGCGATCCAAGAGGCCCCCAAGTCTCCTGAAGAGGAAGGACAGATG
TCCTCTTAA

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Clone variation with respect to NM_032102.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032102 unedited
 GGGGTTCGAATTTGTATACGACTCCTATAGGCGGCCGNAATCGGCACCAGCTTCTCT
 GGGTCCTGGAGTATTTGGCCTGAAATGGGAACTCGGAAGTTGCTGCTCCAGGGCGCTCCC
 TGCGGAGCTCCGCCGCCCGCCTCTCCGCCCGCCCTTTCCCGGGTCCCCACGCGGGGCGC
 AACCGCAGAAAAGAAACGCAGGTCGCACCGTCAGCGCCAGAGCAGCGCCAGTTTCCGGG
 CCCGGGTGCTCTCGGAGCCATGAGCTGCGGCCGCCCTCCCCGACGTGGACGGCATGA
 TCACCTCAAGGTGGACAACCTGACCTACCGCACCTCTCCGACAGCTTGAGGCGCGTGT
 TCGAGAAGTACGGGCGCGTGGGCGACGTGTACATCCCGCGGAGCCCCACCAAGGCGC
 CCCGGGGCTTCGCTTTCGTCGCTTTCACGACCGCGCGACGCCAAGACGCCGAGGCGG
 CCATGGACGGGGCGGAGCTGGACGGACGCGAGCTGCGGGTGCAGGTGGCGCGCTATGGCC
 GCCGGGACCTGCCCGCAGCCGCCAGGGAGAGCCACGCGCAGGTCCAGAGGGCGGCGCT
 ACGGACGGCGGAGCCGACGTACGGGCGGCGGAGCCGACGCCAGGGCGGCGACACCGCA
 GCCGATCCCCGGTCCCAGCTGCTCCAGGTCCCGCAGCCGATCTCGCTATAGGGGTCTC
 GCTATAGCCGGTCTCCCCTACGCCGATCTCCTTACAGCCGGTCCGCTACAGNCGGTCTC
 CCTACAGCAGATCTCGCTACAGGAATCTCGCTACGGGCGGATCTCACTACAGCTCATCT
 GGGTACAGTAACCTCTCGCTACAGCCGATATCACAGCAGCCGGTCTCACTCGAGATCTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032102 unedited
 NTTTTACTTTGGAACCGCGCCGATNCTAGGATCGAGTTTTTTTTTTTTTTTTTCCAT
 CAAAGTTTCTAATTTTATTCTGAGAAAAGAAACACCAAGAAAACAATTTAACTACAGAA
 ACAATGGTTAGCGTAAAAAATTAATAATCAAAAAGATAAACCATGTTATAAGTACTTAAC
 AAACCTATAAACTATTTCTTCCATAACATTCTCCATATTTAAGTTCATACATGTTGATA
 TGATCAGATTTACAATTTTTAGAAAAGACGGGGGAAAAGGTGTGATTATCGTCAGCTAG
 ATGTGCTCACTGCATGCTCCATTATTTATCTGCAAGGCCTGGGTGACTGGAAGTGCAGTT
 GACAGGCATTTTAATAAACTGGACAGCCATTTGTTCTTTCAGGACAAGGCCTGTTTTCCCC
 AGGAGCAATCAGAAGAAAACAGGAAGCAGCTCAGCACTCTGCACTGCAACAGGCCACCTT
 AATAGTAACACAGCATCACTCAACTGCTACGCAGCCGGGCTGGTGCACAAAAACACAAA
 AGAGATTAGACCTGTGTTTGCTAAAACCCAGTCTTTTCATGAAAAATCTTTATACAA
 ATTTGGGTCACTACCTTTTAGACCTGCAGGTAATAAAATTTCCATATTAATTTACA
 CCACCTTTGTAGTTTCTAATGAATGAAGGCTATGTTGAATCAATGTCTTGACAGCGCT
 AGGCTGTGTGGAACGGCTGCCACCTTCTTTCATACCTAGGAGGCCCTAATTAGGCCACC
 ACTCTCATCCTAAACCCACCCGCTTTGCTATTGCATAAAGATTACCCCTGGCTTCAA
 CATCTACACCAATACGTAATTTTAGTCCCCACCCCTCCATTCCACTAATCGCGGCCAC
 CCTACTCCGCTATCCATCATCTTCCCCCTTCCACACT

Restriction Sites:

NotI-NotI

ACCN:

NM_032102

Insert Size:

1820 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: [NM_032102.1](#), [NP_115285.1](#)

RefSeq Size: 2186 bp

RefSeq ORF: 849 bp

Locus ID: 10929

UniProt ID: [Q9BRL6](#)

Cytogenetics: 11q21

Domains: RRM

Protein Pathways: Spliceosome

Gene Summary: This gene encodes a member of a family of proteins containing a ribonucleoprotein (RNP)-type RNA binding motif and a carboxyl-terminal arginine-serine-rich (RS) domain. The encoded protein functions as a pre-mRNA splicing factor. There is a pseudogene for this gene on chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]

Transcript Variant: This variant (1) represents the longer transcript and encodes the protein.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. ##RefSeq-Attributes-START## RefSeq Select criteria :: based on conservation, longest protein ##RefSeq-Attributes-END## COMPLETENESS: full length.