

Product datasheet for **SC117751**

SFRS9 (SRSF9) (NM_003769) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SFRS9 (SRSF9) (NM_003769) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFRS9
Synonyms:	SFRS9; SRp30c
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117751 sequence for NM_003769 edited (data generated by NextGen Sequencing)

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ATGTCGGGCTGGGCGGACGAGCGGCGGCGAGGGCGACGGGCGCATCTACGTGGGGAAC
CTTCCGACCGACGTGCGCGAGAAGGACTTGGAGGACCTGTTCTACAAGTACGGCCGCATC
CGCGAGATCGAGCTCAAGAACCGGCACGGCCTCGTGCCCTTCGCCCTTCGTGCGCTTCGAG
GACCCCGAGATGCAGAGGATGCTATTTATGGAAGAAATGGTTATGATTATGGCCAGTGT
CGGCTTCGTGTGGAGTTCCCGAGGACTTATGGAGGTCGGGGTGGGTGGCCCGTGGTGGG
AGGAATGGGCCTCTACAAGAAGATCTGATTTCCGAGTCTTGTTTCAGGACTTCCTCCG
TCAGGCAGCTGGCAGGACCTGAAGGATCACATGCGAGAAGCTGGGGATGTCTGTTATGCT
GATGTGCAGAAGGATGGAGTGGGGATGGTTCGAGTATCTCAGAAAAGAAGACATGGAAATAT
GCCCTGCGTAAACTGGATGACACCAAATCCGCTCTCATGAGGGTGAAACTTCCTACATC
CGAGTTTATCCTGAGAGAAGCACCAGCTATGGCTACTCACGGTCTCGGTCTGGGTCAAGG
GGCCGTGACTCTCCATACCAAAGCAGGGTTCCCCACACTACTTCTCTCTTTCAGGCC
TACTGA
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Clone variation with respect to NM_003769.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003769 unedited
TATATTTGTATACGACTCACTATAGGGCGGCNCGCGAATTCGCACGAGGGCGGCGACGTG
GGCTGCGGCGGGCCCGCGGCGTGGGGCGGTGCGGATGTCGGGCTGGGCGGACGAGCGCGG
CGGCGAGGGCGACGGGCGCATCTACGTGGGAACTTCCGACCGACGTGCGCGAGAAGGA
CTTGGAGGACCTGTTCTACAAGTACGGCCGCATCCGCGAGATCGAGCTCAAGAACCGGCA
CGGCTCGTGCCCTTCGCCTTCGTGCGCTTCGAGGACCCCCGAGATGCAGAGGATGCTAT
TTATGGAAGAAATGGTTATGATTATGGCCAGTGTGGCTTCGTGTGGAGTTCGCCAGGAC
TTATGGAGGTGCGGGTGGGTGGCCCCGTGGTGGGAGGAATGGGCCTCCTACAAGAAGATC
TGATTTCCGAGTTCCTGTTTCAGGACTTCTCCGTCAGGCAGCTGGCAGGACCTGAAGGA
TCACATGCGAGAAGCTGGGGATGCTGTTATGCTGATGTGCAGAAGGATGGAGTGGGGAT
GGTCGAGTATCTCAGAAAAGAAGACATGGAATATGCCCTGCGTAAACTGGATGACACCAA
ATTCCGCTCTCATGAGGGTGAACCTTCTACATCCGAGTTTATCCTGAGAGAAGCACCAG
CTATGGCTACTCACGGTCTCGGTCTGGGTCAAGGGGCCGTGACTCTCCATACCAAAGCAG
GGGTTCCCCACACTACTTCTTCTTTCCANGCCCTACTGAGACAGGTGATGGGAATTTTT
TCTTTATTTTTAGGNTACTGAGCTGCTTTGTGCTCAGAANTACATTCCAGAATGAGGAT
NTAGTGTCTTTAGGAAATTTTTTTATTTTTTTTTTTAAAGAAGANAAAACCTACATATTT
CTACCCGCCATTAGCAGTGAACATTTAACTGCAAAATGTGGNNTTGTTCANNAACAG
TGTATATTTTACCCTGATAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003769 unedited
CGGCACGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTTTTTTACTAAACATTTAAAATAT
ATTTCTAAACAGAATGGGCCGACTCAGTCACAGTAACTGTTGATCTCCATAGTAGAGCAA
CCCACAAAAGACAGAACTGATTTTTTTTCCATAATCAGGGGTGAAAAATATACAACCTGTT
TCTGAACCAAAACCACAATTTCTGCAGTTTAAAATGTTTCACTGCTAATATGGCCCTGGT
AGAAATATGTAGTTTTTTTTTCTCTTTAAAAAAAAAAAAATTAATAAATTTCTAAGAC
ACTAAATCCTCAATCTGGAATGTAATTTCTGAGCACAAGCAGCTCAGTTAACCTAAAAA
ATAAAGAAAAAATTTCCATCACCTGTCTCAGTAGGGCCTGAAAGGAGAGAAGTAGTGTGG
GGAACCCCTGCTTTGGTATGGAGAGTACGGGCCCTTGACCCAGACCGAGACCGTGAGTA
GCCATAGCTGGTGCTTCTCTCAGGATAAACTCGGATGTAGGAAGTTTACCCTCATGAGA
GCGGAATTTGGTGTATCCAGTTTACGCAGGGCATATTCATGTCTTCTTTTCTGAGATA
CTCGACCATCCCCACTCCATCCTTCTGCACATCAGCATAACAGACATCCCCAGCTTTTC
GCATGTGATCCCTTTAGGTCCTGCCAGCTGCCTGACGGAGGAAGTCTGAAACAAAAAC
TCGGAATCAGATCTCCTTGTAGGAAGCCATTCTCCCACACGNGCCACCCACCCCGA
CCTCCATAAAATCCTGGGGACCTCCAACGAAGCCGACACTGGCCATAATATAACCCTTCT
CCATAAAAAAATCCTCTGCTCTCGGGGTCTCCAACCCACAAAGCCAAAGGCACACA
GCCGGCCCGTCTTGACCTCATCCCGATGCCGCTACTGGAAAAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_003769

Insert Size:

1180 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.
	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
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:	NM_003769.2 , NP_003760.1
RefSeq Size:	1204 bp
RefSeq ORF:	666 bp
Locus ID:	8683
UniProt ID:	Q13242
Cytogenetics:	12q24.31
Domains:	RRM
Protein Families:	Druggable Genome
Protein Pathways:	Spliceosome
Gene Summary:	The protein encoded by this gene is a member of the serine/arginine (SR)-rich family of pre-mRNA splicing factors, which constitute part of the spliceosome. Each of these factors contains an RNA recognition motif (RRM) for binding RNA and an RS domain for binding other proteins. The RS domain is rich in serine and arginine residues and facilitates interaction between different SR splicing factors. In addition to being critical for mRNA splicing, the SR proteins have also been shown to be involved in mRNA export from the nucleus and in translation. Two pseudogenes, one on chromosome 15 and the other on chromosome 21, have been found for this gene. [provided by RefSeq, Sep 2010]