

## Product datasheet for **MR226397**

### Srsf9 (NM\_025573) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Srsf9 (NM_025573) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Srsf9
Synonyms:	25kDa; 2610029M16Rik; Sf; Sfrs9; SRp; SRp30c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226397 representing NM_025573 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGTCGGGCTGGGCGGACGAGCGCGCGGCGAGGGCGACGGGCGCATCTACGTGGGCAACCTCCGT  
 CCGACGTGCGCGAGAAGGACCTCGAGGACTTGTCTACAAGTACGGCCGCATCCGCGAGATCGAGCTCAA  
 GAACCGGCACGGCCTCGTGCCCTTCGCCTTCGTGCGCTTCGAGGACCCGCGAGATGCTGAGGATGCGATC  
 TATGGAAGAAACGGTTACGATTATGGCCAGTGTGACTCCGTGTGGAGTTCGCCAGGACTTACGGAGGTC  
 GGGGTGGGTGGCCCCGTGGTGAAGGAACGGGCCTCTACAAGACGGTCAGATTTCCGAGTCTTGTTC  
 AGGACTTCCTCCATCAGGCAGCTGGCAGGACCTGAAAGATCACATGCGAGAAGCTGGGGATGTCTGTTAT  
 GCAGACGTACAGAAGGACGGAATGGGGATGGTTGAATATTTGAGAAAAGAGGACATGGAATATGCTCTGC  
 GTAAACTGGATGACACCAAATCCGCTCTCACGAGGTGAGACTTCCTACATCCGAGTGTATCCTGAGAG  
 AAGCACCAGCTATGGCTACTCACGGTCGCGGTCTGGGTCCAGGGGCCGCGACTCGCCATACCAAAGCCGG  
 GGCTCGCCACACTACTTCTCTCTTCAGGCCCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA


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**Protein Sequence:** >MR226397 representing NM\_025573  
Red=Cloning site Green=Tags(s)

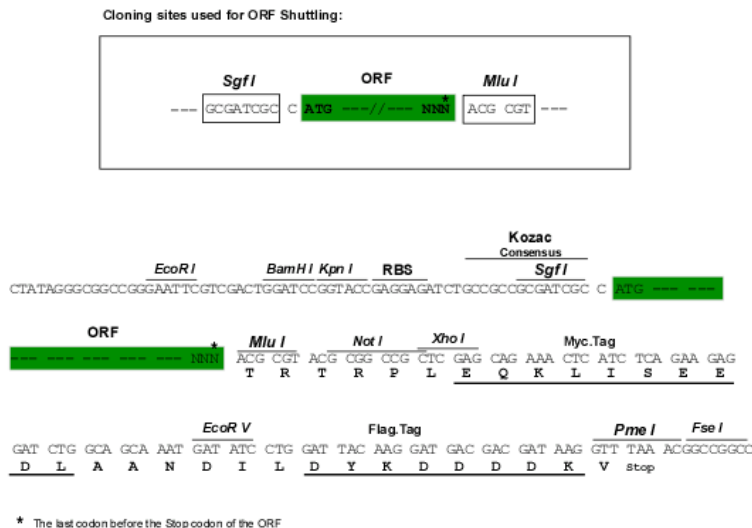
MMSGWADERGGEGDGRIVGNLPSDVREKLEDLFYKYGRIREIELKNRHGLVPFAFVRFEDPRDAEDAI  
 YGRNGYDYGQCRLRVEFPRTYGGRGGWPRGARNPPTRRSDFRVLVSGLPPSGSWQDKDHMREAGDVCY  
 ADVQKDGGMGVEYLRKEDMEYALRKLD DTKFRSHEGETSYIRVYPERSTSYGYSRSGSRGRDSPYQSR  
 GSPHYFSPERP Y

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9034\\_h03.zip](https://cdn.origene.com/chromatograms/mm9034_h03.zip)

Restriction Sites: Sgfl-MluI

### Cloning Scheme:



ACCN: NM 025573

ORF Size: 666 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_025573.3](#), [NP\\_079849.1](#)

**RefSeq Size:** 1162 bp

**RefSeq ORF:** 669 bp

**Locus ID:** 108014

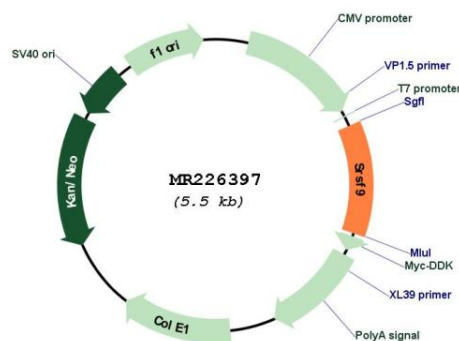
**UniProt ID:** [Q9D0B0](#)

**Cytogenetics:** 5 F

**MW:** 26.1 kDa

**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 transcript variants, one protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq, Sep 2010]

## Product images:



Circular map for MR226397