

Product datasheet for **MC216826**

Srsf4 (NM_020587) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srsf4 (NM_020587) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srsf4
Synonyms:	5730499P16Rik; AW550192; MNCb-261; MNCb-2616; Sf; Sfrs4; SR; SRp75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216826 representing NM_020587
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCGGGTGTACATCGGCCCTGAGCTACCAGGCCGGAGCGGATGTGGAGCGCTCTTTAAGG
 GCTACGGGAAGATCCTGGAGGTGGATCTGAAGAACGGGTATGGCTTTGTGGAGTTTGATGATCTGGTGA
 TGCAGACGATGCTGTTTATGAACTGAACGGCAAAGACCTGTGTGGCGAGCGAGTCATTGTTGAGCACGCT
 CGAGGCCCGCGCGGGATGGCAGCTACGGCTCGGGACGCAGTGGATATGGTTATCGAAGAAGTGGCCGAG
 ATAAATACGGTCCCCCTACTCGCACAGAATACAGACTTATTGTGGAGAATTTGTCAAGTCGATGCAGCTG
 GCAGGACCTAAAGGATTACATGCGTCAGGCAGGAGAAGTGACGTATGCAGATGCTCACAAGGGACGCAAA
 AACGAAGGAGTGATTGAATTTGTGCTTACTCTGATATGAAAAGAGCTTTGAAAAAGCTGGACGGAACTG
 AAGTCAACGGCAGAAAAATCAGATTAGTTGAAGACAAGCCAGGTTCTAGCGCGCCGGTCTTACTCCAG
 AAGCCGGAGTCACTCAAGGTCTCGCTCTCGAAGCAGACATTCGCGAAGAGCAGAAGCCGGAGTGGTAGC
 AGTAAAAGCAGCCATTCTGAAGAGCCGGTCTCGATCCAGGTCAGGTTCCCACTCCCGCAGCAAGAGCCGCA
 GTCGAGTCAGAGCCGCAGCCGAGTAAGAAGGAGAAAAGCCGGAGCCCAAGACAACAAGAGCCG
 CAGTTCGACGCCGAGCCCTGACAAGAGCCGAGTAAGAGTAAAGACCACGCCGAGGACAAGCTCCAAAAC
 AACGACAGCGCCGCAAAGCCAAGAGCCACAGCCCGCCGATGACAGTAAAAGTCGGAGCAGGAGCC
 AGGAGAGGAGAGCAGAGGAGGAGGCGAAGGAGCGTGAGCAGGGCTCGCAGCCAGGAGAAGAGCCGAG
 CCAGGAGAAGAGCCTTCTCAAGAGCCGACGCCGAGCCGAGCAAGGTGGCAGCCGGAGCCGACGCCG
 AGCAAGGACAAGCGGAAGGAAGGAAGAGAAGCAGGGACGAAAGTCGAAGCCGCAGCCGAGCAAGAGCC
 AGCGCAGCCGAAAACACAGCAGCAAGCGGGACAGCAAGTCAGTAGCAGCAGCAGCAAGAAGAAGGA
 CACCGACCACTCCCGGTACCGTCCCGTGTCAAAGGAGCGCAACATGCCAAGGCAGAGTCTGGC
 CAGAGGAAAGCCGGGCAGAGGGTGAGAGCGAGGCCCAATCCAGAGCCCGGGCCAGGTCAAGATCCA
 CCTCCAAATCCAAACCAATGTCCCGCAGAGTCGCGCTCCAGGTCAAAATCGGCTTCAAAAACAGCTC
 TCGGTCCAAGTCTCCATCCAGGTCTGCTTCCAGGTGCGCTCCCGGTCTAGATCCAGGTCCCACTCAAGG
 TCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_020587

Insert Size: 1476 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_020587.2](#), [NP_065612.2](#)

RefSeq Size: 2254 bp

RefSeq ORF: 1476 bp

Locus ID: 57317

Cytogenetics: 4 D2.3

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. [provided by RefSeq, Sep 2010]