

Product datasheet for **MC217805**

Sfrs4 (BC019437) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfrs4 (BC019437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sfrs4
Synonyms:	5730499P16Rik; AW550192; MNCb-2616; Sfrs4; SRp75
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC019437
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCGGGTGTACATCGGCCCTGAGCTACCAGGCCGGAGCGGATGTGGAGCGCTCTTTAAGG
GCTACGGGAAGATCCTGGAGGTGGATCTGAAGAACGGGTATGGCTTTGTGGAGTTTGATGATCTGGGTGA
TGCAGACGATGCTGTTTATGAACTGAACGGCAAAGACCTGTGTGGCGAGCGAGTATTGTTGAGCACGCT
CGAGGCCCGCGCGGGATGGCAGCTACGGCTCGGGACGCGAGTGGATATGGTTATCGAAGAAGTGGCCGAG
ATAAATACGGTCCCCCTACTCGCACAGAATACAGACTTATTGTGGAGAATTTGTCAAGTCGATGCAGCTG
GCAGGACCTAAAGGATTACATGCGTCAGGCAGGAGAAGTGACGTATGCAGATGCTCACAAGGACGCAAA
AACGAAGGAGTGATTGAATTTGTGCTTACTCTGATATGAAAAGAGCTTTGAAAAGCTGGACGGAAGT
AAGTCAACGGCAGAAAAATCAGATTAGTTGAAGACAAGCCAGGTTCTAGGCGGCCGGTCTTACTCCAG
AAGCCGGAGTCACTCAAGGTCTCGCTCTCGAAGCAGACATTCGCGAAGAGCAGAAGCCGGAGTGGTAGC
AGTAAAAGCAGCCATTCTGAAGAGCCGGTCTCGATCCAGGTCAGGTTCCCACTCCCGCAGCAAGAGCCGCA
GTCGAGTCAGAGCCGACGCCGAGTAAGAAGGAGAAAAGCCGGAGCCCAAGCAAGGACAACAAGAGCCG
CAGTTCGACGCCGACGCCCTGACAAGAGCCGAGTAAGAGTAAAGACCACGCCGAGGACAAGCTCCAAAAC
AACGACAGCGCCGCAAAGCCAAAGAGCCACAGCCCAGCCGCCATGACAGTAAAAGTCGGAGCAGGAGCC
AGGAGAGGAGAGCAGAGGAGGAGAGGGCAAGGAGCGTGAGCAGGGCTCGCAGCCAGGAGAAGAGCCGAG
CCAGGAGAAGAGCCTTCTCAAGAGCCGACGCCGAGCCGAGCCGAGCCGAGCCGAGCAAGGACAAG
CGAAGGGAAGGAAGAGAAGCAGGGACGAAAGTCAGTAGCAGCAGCAGCAGCAAGAAGAAGGACACCGA
AACACAGCAGCAAGCGGGACAGCAAAGTCAGTAGCAGCAGCAGCAGCAAGAAGAAGGACACCGA
CCTACTCCCGGTACCCGTCGCTCGGTGTCAAAGGAGCGAGAACATGCCAAGGCAGAGTCTGGCCAGAGG
GGAAGCCGGGAGAGGTTGAGAGCGAGGCCCAATCCAGAGCCCGGGCCAGGTCAAGTCCACCTCCA
AATCCAAACCAATGTCCCGCAGAGTCGCGCTCCAGGTCAAATCGGCTTCAAAAACACGCTCTCGGT
CAAGTCTCATCCAGGTCTGCTCCAGGTCCGCTCCCGGTCTAGATCCAGGTCCCACTCAAGGTCTTAA

ACCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: BC019437

Insert Size: 1470 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: [BC019437](#), [AAH19437](#)

RefSeq Size: 2204 bp

RefSeq ORF: 1469 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]