

Product datasheet for **MC226702**

Srsf5 (NM_009159) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Srsf5 (NM_009159) Mouse Untagged Clone
Tag: Tag Free
Symbol: Srsf5
Synonyms: Sfrs5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226702 representing NM_009159
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGTGGCTGTCGAGTGTTCATTGGGAGACTAAATCCAGCAGCGAGGGAGAAAGATGTGGAAAGATTCT
TCAAGGGTTACGGACGGATCCGAGATATTGACTTGAAAAGAGTTTTGGTTTTGTGGAATTTGAGGACCC
AAGGGATGCAGATGATGCTGTTTATGAACCTTGATGGGAAGGAACTTGCAGTGAAAGGGTGACGATTGAA
CATGCCCGGGCTCGGTCTCGAGGTGGAAGAGGTAGAGGACGATACTCCGACCGTTTTAGCAGTCGCAGAC
CTCGAAATGATAGACGAAATGCTCCACCTGTAAGAACAGAAAATCGACTTATAGTTGAGAATTTATCCTC
AAGAGTCAGCTGGCAGGATCTCAAAGATTTTCATGAGACAAGCTGGGGAAGTAACCTTTGCGGATGCACAT
CGACCTAACTAAATGAAGGGTGTAGTTGAGTTGCCTCTTATGGTGACTTAAAGAATGCTATTGAGAAAC
TTTCTGGAAGGAAATTAACGGGAGAAAATCAAATTAATTGAAGGCAGCAAAAGGCACAGGTCAAGAAG
CAGGTCACGATCTCGACCAAGATTCTCTAGGTCCCGTAGCCGATCCCGTTACGAAGGAGCAAGTCT
TACAGCCGATCAAGGAGCAGGAGCCGGAGCCGGAGCAAGTCCCGTTCTGGTAGTAGGTCTCCTGTGCCTG
AGAAGAGCCAGAAACGTGGTTCTTCGAGTAGATCTAAATCTCCAGCATCTGTGGATCGCCAGAGGTCCCG
ATCCCGGTCCAGGTCCAGATCAGTTGACAGTGGCAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009159
Insert Size: 810 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_009159.2</u> , <u>NP_033185.2</u>
RefSeq Size:	1532 bp
RefSeq ORF:	810 bp
Locus ID:	20384
UniProt ID:	<u>O35326</u>
Cytogenetics:	12 D1
Gene Summary:	<p>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, Nov 2016]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1-3 encode the same isoform (1).</p>