

Product datasheet for MR203442

Srsf10 (NM_001080387) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srsf10 (NM_001080387) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Srsf10
Synonyms:	Fusip1; FUSIP2; Nssr; NSSR1; NSSR2; Sfrs13a; SRrp40; Srsf13a; TAsR; TAsR1; TAsR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203442 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCCGATACCTGCGCCCCCTAACACGTCTCTGTTTCGTGAGAACGTGGCGGACGACACCAGGTCTG
AAGATTTACGTCGGGAATTTGGTCGTTATGGTCCAATAGTAGATGTTTATGTCCCACTTGATTTCTACAC
TCGGCGTCCAAGAGGATTTGCATATGTTCAATTTGAGGATGTTTCGTGATGCTGAAGACGCTTTACATAAT
TTGGACAGAAAAATGGATTTGTGGCGCTCAGATTGAAATCCAGTTCGCACAGGGGGATCGGAAGACACCAA
ATCAAATGAAAGCCAAGGAAGGGAGGAATGTATACAGCTCTTCAGATATGACGATTATGACCGATATAG
ACGCTCTCGAAGCCGGAGTTATGAAAGGAGAAGATCGAGGAGTCGCTCCTTTGATTATAACTATAGGAGA
TCTTACAGTCCTAGAAACAGTAGACCGACTGGAAGACCACGGCGTAGCCGAAGCCATTCCGACAATGATA
GATTCAAACACCGAAATCGATCTTTTTCAAGATCTAAATCCAATTCAGATCACGGTCCAAGTCCCAGCC
CAAGAAAGAAATGAAGGCTAAATCACGTTCTAGGTCTGCATCTCACACAAAACCTAGAGGCACCTCTAAA
ACAGATTCAAAACACATTATAAGTCTGGCTCAAGATATGAAAAGGAATCAAGGAAAAAAGAACCACCTA
GATCCAAATCTCAGTCAAGATCACAGTCTAGGTCTAGGTCAAATCTAGGTCAAGGTCTTGGACTAGTCC
CAAGTCCAGTGGCCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001080387.2](#)

RefSeq Size: 2753 bp

RefSeq ORF: 789 bp

Locus ID: 14105

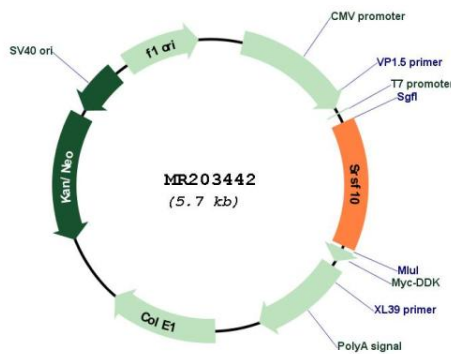
UniProt ID: [Q9R0U0](#)

Cytogenetics: 4 D3

MW: 31.3 kDa

Gene Summary: Splicing factor that in its dephosphorylated form acts as a general repressor of pre-mRNA splicing. Seems to interfere with the U1 snRNP 5'-splice recognition of SNRNP70. Required for splicing repression in M-phase cells and after heat shock. Also acts as a splicing factor that specifically promotes exon skipping during alternative splicing. Interaction with YTHDC1, a RNA-binding protein that recognizes and binds N6-methyladenosine (m6A)-containing RNAs, prevents SRSF10 from binding to its mRNA-binding sites close to m6A-containing regions, leading to inhibit exon skipping during alternative splicing (By similarity). May be involved in regulation of alternative splicing in neurons (PubMed:10583508).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203442