

Product datasheet for **MR208086**

Sfrs8 (BC058689) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sfrs8 (BC058689) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sfrs8
Synonyms:	1190005N23Rik; 6330437E22Rik; A1197402; AW212079; Sfrs8; Srsf8; SWAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208086 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCAGTCTGATGCCTTGCCCTCAGAAATGTGAACAGGACTCCTTTGATGACATCCCCACCTGTAGACC
 ACACCTTTACACACACATGTGCACACTCAGCTGTGCCTTCCCGCAGATGCTATCTGCCTATCAGCCAT
 CCCTCTTGCAAGTGGTAGTGCCTGTGACACTGTCTGCACATTCTGCTGCTGGTGCCTAAAAATACGTCAC
 AATTGTACCTTTTCCCAACAGCTTCTTTTGTCCAATAAGCTTTGCCATCAAAGCCAAAGAAAATGACC
 TCCTTCCCTTGGAGAAAAACCGTGTCAAGCTGGACGATGACAGTGAAGAGGATGAAGAAAGCAGGGAGTG
 CCAGGAAAGCACAGCAGCGTGGCAACCCAGCCCTGCTGCCGCCCGCCCTCCGTGGCTGTAGAGGAG
 AAGAAACCACAGCTTACCCAGGAGGAGCTGGAAGCCAAGCAAGCAAAAACAAAAGCTGGAGGACCGCCTTG
 CTGCTGCTGCCCGGAAAAGCTAGCCCAGGCGTCCAAGGAATCAAAGGAGAAGCAGCTTCAGGCTGAACG
 TAAAAGGAAAAGCAGCGTTGTTCTTACAACCTTAAAAATCCTCTCCAGAAGCAGAAGTTGAAAACTT
 GAGGAGAGTACTTTCGGGGTTGAGGACACTGGTGTGATGCCCTGTCTCTGCTGGTTGGTGGTAGAACTC
 TGCCCATATTGGAAGGGAAGCCTCCAGAAAGGCCCTTCAAACAGATGCAGAGATCCACCAAGAGAAGAAGA
 AAGAGAGAAAAAGAAGAAGAAGCACAAAAACGGTCTCGGACAAGGTCCCCTCTCCAAGTACCACTCG
 TCTTCCAAGCCCAGGTCTAGATCCCCTCAAAGCAAAGCACTCCCTGCCAGTGCCTACCGGACAGTGC
 GGCGGTCAAGGCCCTCAGCCTCCCAGGGATCTTGAGTGTGGAGCCTTGCCAGCAGCTCGGCAGTGGC
 GGCAGCACAGCAGGAGAGTTCTCAGGCAGCCTCGGCCTCGAGCAGCTTTGACTCCTGGAGCTTTTTGAG
 GGGAAACCTGGTAAACCGTCAAGGTCAAGTCTCGGTCCCAAGAAGGAGAGCTCACTCTCTGAGAGAC
 GCGGGGAAGAAGGAGTGTCCCTACAGCTACCGGATGAGCGGCAGCCCTGGGGTCAAGGAAAAGGAC
 CCGTTCCAGAAGTCCCCACGAGAAGAAGAAGAAACGGCGCTCACGGTCTCGCACCAAGCCAAGGCCCGG
 TCGCAGTCAACATCCCCGAGTAAACAGGCCGACAGCGTCCCTCGCCCCACTCAGCCACTCGGCCAGCA
 TCTCTCTGTGGAGAGCCGAGGTTCTCCAGGAACGCTCCAGGGGGTTTCTCAGGAAAAAGATGGCCA
 GATCTCTCAGCAATCGTCTCTCTGTGCAGAGCAAAATAACTCAGGATCTCATGGCCAAAGTAAGAGCA
 ATGCTCGCAGCTTCAAAAAACCTGCAAACCAAGTGCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208086 protein sequence
 Red=Cloning site Green=Tags(s)

MGSLMPCLRNVRNRTPLMTSPPVDHTFTHTCAHSRCAFPADAICLSAIPLASGSACDVTCTFCWCLKIRH
 NCHLFPTASFAPISFAIKAKENDLLPLEKNRVKLDLDDSEDEEESRECESTSSVANPSPAAPPVAVVEE
 KKPQLTQEELAKQAKQKLEDRLAAAAREKLAQASKESKEQLQAERKRKAALFLQTLKNPLPEAEVGKL
 EESTFGVEDTGVMPCPLLVGRTLPILLEGKPPERPSNRCRDPPEEREKKKKKHKKRSRTRSRSPKYHS
 SSKPRSRSHKAKHSLPSAYRTVRRSRPSASPGILSVEPCSSSAVAAAQESSQAASASSSFDSSSFE
 GKPGKPSRSPRRRAHSPERRREERSVPTAYRMSGSPGVSRKRTRSRSPHEKHKRRSRRTKAKAR
 SQSTSPSKQAAQRSPHSAHSASISPVESRGSSQERSRGVSQEKDQISSAIVSSVQSKITQDLMAKVRA
 MLAASKNLQTSAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: BC058689

ORF Size: 1509 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.

RefSeq: [BC058689](#), [AAH58689](#)

RefSeq Size: 2180 bp

RefSeq ORF: 1511 bp

Locus ID: 231769

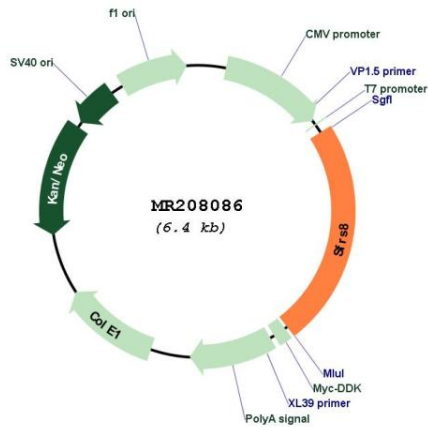
Cytogenetics: 5 G1.3

MW: 55.3 kDa

Gene Summary:

Plays a role as an alternative splicing regulator. Regulates its own expression at the level of RNA processing. Also regulates the splicing of fibronectin and CD45 genes. May act, at least in part, by interaction with other R/S-containing splicing factors. Represses the splicing of MAPT/Tau exon 10 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208086