

## Product datasheet for **RR208448**

### Srsf6 (NM\_001014185) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Srsf6 (NM\_001014185) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Srsf6  
**Synonyms:** Sfrs6  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR208448 representing NM\_001014185  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCGCGCTACATAGGACGCTGAGCTACAACGTCCGCGAGAAGGACATCCAGCGCTTTTTCAGCG  
 GCTACGGCCGCTCCTCGAAATCGACCTCAAAAATGGGTACGTTTCGTGGAGTTCGAGGACTCCCGTGA  
 TGCGGACGACGCCGTTTACGAGCTGAACAGCAAGGAGCTGTGCGGCGAGCGCGTATCGTAGAGCACGCC  
 CGGGGCCGCGCCGGGACCGGATGGCTACAGCTACGGAAGCCGAGTGGTGGAGGTGGATACAGCAGTC  
 GGAGAACTTCTGGCAGAGACAAATATGGACCACCTGTTTCGTACAGAATACAGGCTTATTGTAGAAAATCT  
 ATCTAGTCGTTGCAAGTAAAGGATTTATGCGGCAAGCAGGAGAGGTGACTTATGCAGAT  
 GCTCACAAGAACGAACAAATGAGGGTGAATTTAGATCCTACTCTGACATGAAGCGTGCTTTGG  
 ATAAACTGGATGGCACAGAAATAAATGGCAGGAATATACGGCTTATTGAAGATAAGCCACGAACAAGCCA  
 TAGGCGCTCTTACTCTGGAAGTAGATCCAGATCACGGTCTAGAAGAAGATCTCGGAGTAGGAGTCGAGA  
 AGCAGCCGAGTAGATCTCGAAGTATCTCAAAAAGTCGCTCGGATCTAGGTCTCGGAGCAAAGGTTCGAT  
 CCCGATCCCGCTCAAAGGGCAGGAAATCCAGATCAAAGAGCAAATCTAAGCCCAAGTCTGATCGGGGTTCC  
 CCATTACATTCAAGAAGCAGATCTAAGGATAAGTATGGGAAGTACGAAGTAGGTCACGTTCTCGGTCC  
 CCCAAAGAAAATGAAAAGGAGATATAAAGTCAAAATCCAGATCCCGGAGCCAGTCTCGATCCCATTCCG  
 CTCTGCCTGCTCCACCCTCAAAGGCTCGGTCCATGTCCCCTCCGCCAAAAGAGCTTCAAGGTCCCGTTC  
 TAGATCTCGTTCCAGGTCCAGATCAAGTCCAGAGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR208448 representing NM\_001014185  
Red=Cloning site Green=Tags(s)

MPRVYIGRLSYNVREKDIQRFFSGYGRLLLEIDLKNGYGFVEFEDSRDADDAVYELNSKELCGERVIVEHA  
 RGPRRDRDGYSGRSRSGGGYSSRRTSGRDKYPPVRYEYRLIVENLSSRCSWQDLKDFMRQAGEVTYAD  
 AHKERTNEGVIEFRSYSDMKRALDKLDGTEINGRNIRLIEDKPRTSHRRSYSGRSRSRRRSRSRSR  
 SRSRSRISIKSRSRSRSRKGRSRSRKGRKSRKSKSKPKSDRGSHSHSRSRKDKYKGRSRSRSRSR  
 PKENGGDIKSKSRSRSQSRSHSPLPAPPSKARSMSPPPKRASRSRSRSRSRSSSRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001014185

**ORF Size:** 1017 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:** [NM\\_001014185.2](#), [NP\\_001014207.2](#)

**RefSeq Size:** 3513 bp

**RefSeq ORF:** 1020 bp

**Locus ID:** 362264

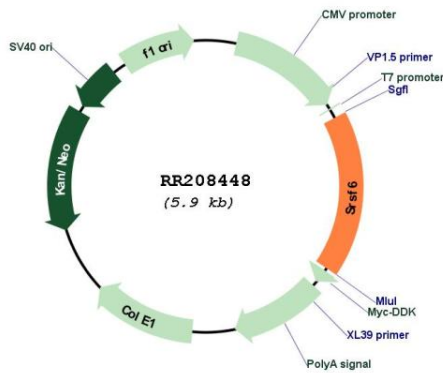
**UniProt ID:** [G3V6S8](#)

**Cytogenetics:** 3q42

**MW:** 39 kDa

**Gene Summary:** Plays a role in constitutive splicing and modulates the selection of alternative splice sites. Plays a role in the alternative splicing of MAPT/Tau exon 10. Binds to alternative exons of TNC pre-mRNA and promotes the expression of alternatively spliced TNC. Plays a role in wound healing and in the regulation of keratinocyte differentiation and proliferation via its role in alternative splicing (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RR208448