

## Product datasheet for **SC310031**

### SFRS8 (SFSWAP) (NM\_004592) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SFRS8 (SFSWAP) (NM_004592) Human Untagged Clone
Tag:	Tag Free
Symbol:	SFRS8
Synonyms:	SFRS8; SWAP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_004592 edited  
 ATTTTGTGGCCCGCTATGGCGCGGTGTTGAGGTTGGGTCCGGGATGCGGGTCTTTGAC  
 TGAAGGGGTAGGCCAAGTGGAGGTATCAGGGACGTCGCGCGGCACAGAAGAGGACCAGCC  
 TGGACGCCGGGGACGCTGTCATGTACGGCGGAGCGGGGCCCGCCAAACCCGAGAGGA  
 AAAGCGCGCGAAGGAGGAGGCCGGGCCAGGCGGTGCCGCGGTGGGGGACGCCGAGTGG  
 AGCTCTTGGTTTTCGGCTATGCCTGCAAGCTGTTCCGGGACGACGAGCGGGCCCTGGCTC  
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 ACAGAGATTATCAGCTGTCTGAAGAGGAGGCGCAATAGAGGCCCTGTGTATGAAGAGA  
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 AGCGATTGAGTGAAGCACTAGCAGAGGATGGGAGCTACAATGCCGTGGGGTTCACTTACG  
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 CCGACGTCAGCCCGTGATTGACAAGCTGGCCGAGTATGTCGCCAGGAACGGCCTGAAGT



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TCGAGACCAGTGTTCGTGCCAAGAATGATCAAAGATTTGAGTTCCTGCAGCCGTGGCACC
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GGGCCAGCGGAGGAGAGCCGGGAGGCTGCGTGGGCTTCTGGGCAGGCTCACGCAGACGC
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TTGATGACATTTTGTGTTTTAAGATTTCTGACCAGCAGTCTTACCTGTATATTTGTAA
ATATATCATGTTTCTGTGAAAATGTATTATGAAATAAAATGGGAGGAAACACCTTTTCTA
GCTAAAAAAAAAAAAAAAAAAAA
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- Restriction Sites:** NotI-NotI
- ACCN:** NM\_004592
- Insert Size:** 3300 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM\_004592.2.
- 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\\_004592.2](#), [NP\\_004583.2](#)

**RefSeq Size:** 3245 bp

**RefSeq ORF:** 2856 bp

**Locus ID:** 6433

**UniProt ID:** [Q12872](#)

**Cytogenetics:** 12q24.33

**Domains:** Surp

**Protein Families:** Transcription Factors

**Gene Summary:** This gene encodes a human homolog of Drosophila splicing regulatory protein. This gene autoregulates its expression by control of splicing of its first two introns. In addition, it also regulates the splicing of fibronectin and CD45 genes. Two transcript variants encoding different isoforms have been identified. [provided by RefSeq, May 2012]  
Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.