

## Product datasheet for **MC206205**

### Sfrs5 (BC082593) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sfrs5 (BC082593) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sfrs5  
**Synonyms:** Sfrs5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC082593  
 AGAGACTGTAGACGAGTTGGGTTTCGTGTGTATGTGTGTTGTGTGTGTTTGTGTAGGGAGGCAGACAGC  
 TCCGTCGCAGACTACGGACCTCTCCGGGTCTCAGCCGCAAAGACCCTGTCCGGTAGGAAACACTAGCC  
 GGGCATCATGAGTGGCTGTCGAGTGTTCAATTGGGAGACTAAATCCAGCAGCGAGGGAGAAAGATGTGGAA  
 AGATTCTTCAAGGGTTACGGACGGATCCGAGATATTGACTTGAAAAGAGTTTTGGTTTTGTGGAATTTG  
 AGGACCCAAGGGATGCAGATGATGCTGTTTATGAACTTGATGGGAAGAACTTTGCAAGTAAAGGGTGC  
 GATTGAACATGCCCGGGCTCGGTCTCGAGGTGGAAGAGGTAGAGGACGATACTCCGACCGTTTTAGCAGT  
 CGCAGACCTCGAAATGATAGACGAAATGCTCCACCTGTAAGAACAGAAAATCGACTTATAGTTGAGAATT  
 TATCCTCAAGAGTCAGCTGGCAGGATCTCAAAGATTTTCATGAGACAAGCTGGGGAAGTAACCTTTGCGGA  
 TGCACATCGACCTAAACTAAATGAAGGGTAGTTGAGTTTGCCTCTTATGGTGACTTAAAGAATGCTATT  
 GAGAACTTTCTGAAAGGAAATTAACGGGAGAAAATCAAATTAATTGAAGGCAGAAAAGGCACAGGT  
 CAAGAAGCAGGTCACGATCTCGGACCAGAAGTTCTCTAGGTCCCGTAGCCGATCCCGTTACGAAGGAG  
 CAAGTCTTACAGCCGATCAAGGAGCAGGAGCCGGAGCCGAGCAAGTCCCGTTCTGGTAGTAGGTTCTCT  
 GTGCCTGAGAAGGCCAGAAACGTGGTTCTTCGAGTAGATCTAAATCTCCAGCATCTGTGGATCGCCAGA  
 GGTCCCGATCCCGGTCCAGGTCCAGATCAGTTGACAGTGGCAATTAACCTGTAATAACTTGCCCTGGG  
 GCCTTTTTTAAAAAACAACAAATCCCAAACCATACTTGCTAAAAGTTCTGGTAAAGTATGTGCTTTT  
 CTGTGGGTGGGATTTGGAGGGGTTGGGCTGGATTTCTTTGTAGATGTGGACCACCAAGGGGTTGTTGA  
 AAATAATTGTATTAATGTCTTTTGATAAGCCTTCTGCTCACACTTTTGTGACTGTCTGAAGTATATAG  
 TTTGTGATATTGATAGAGCTCTTTTAACTAAAGCATTTTATTTTTGTACTAGAAAACCTTTTGAAT  
 ATTTTAGTTCATTGTTCCAGATATGTTAACTCAAGATTAGTTAATTAACTAACGAATAGTTTTGGACAC  
 TTTAAAAGAGCTCTAAATTTGCTGTATATAAAGGCTTAATATGAGTTTTACTTGTAGGGTCAAGGGTG  
 TCTTGCCATTAACAGCTGTAGATAGACATTAAGTAAAGCAGCTGTTTGTATTGATAATAAAATACTA  
 AGTATTATAA AAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** BC082593



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<b>Insert Size:</b>	810 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC082593</a> , <a href="#">AAH82593</a>
<b>RefSeq Size:</b>	1543 bp
<b>RefSeq ORF:</b>	810 bp
<b>Locus ID:</b>	20384
<b>Cytogenetics:</b>	12 D1
<b>Gene Summary:</b>	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]