

## Product datasheet for **MR208035**

### Sf3a3 (BC092058) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sf3a3 (BC092058) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sf3a3
Synonyms:	60kDa; 4930512K19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR208035 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGACAATTTTAGAGCAGCAACGGCGCTATCATGAGGAGAAGGAACGGCTTATGGATGTTATGGCCA  
 AAGAGATGCTTACGAAGAAGTCCACGCTTCGGGACCAGATCAATTCCGATCACCGCACTCGGCCATGCA  
 AGATAGGTACATGGAGGTCAGTGGGAACCTGAGGGATTTGTATGATGATAAGGACGGACTCGGGAAGGAG  
 GAGCTCAATGCTATCTCAGGACCAACGAGTTTGTCTGAATTCTATAACAGACTCAAGCAGATAAAGGAAT  
 TCCATCGGAAGCACCCAAATGAGATCTGTGTGCCAATGTCAGTGGAAATTTGAGGAGCTGTGAAGGCTCG  
 AGAGAATCCAAGTGAAGAGGCACAAAACCTGGTGGAGTTCACAGATGAAGAGGGATATGGTCGTACCTT  
 GATCTCCATGACTGCTACCTCAAATACATTAACCTGAAGGCATCTGAGAAGCTGGATTACATCACATAACC  
 TGTCATCTTTGACCAGTTGTTTGACATTCCTAAAGAAAAGAAAGATGCAGAGTACAAAAGATACCTGGA  
 GATGCTGTGGAGTACCTACAGGATTACACAGATAGAGTGAAGCCCTTCAGGATCAGAACGAACCTTTT  
 GGAAGATTGAGACCGACTTTGAGAAGAAGTGGGATAATGGCACCTTTCTCGGATGGCCGAAAGAGACAA  
 GCAGCGCCTGACTCACGCGGGAGCCCATCTTGATCTCTCCGCATTCTCCTCTGGGAGGAGTTGGCATC  
 CCTGGGTCTGGATAGGTTGAAATCTGCACTATTGGCATTGGGCCTGAAGTGTGGCGGACCTAGAAGAA  
 CGAGCTCAGAGGCTCTTCAGCACCAAGGAAAGTCTTGGAGTCACTCGACACTTCTCTGTTTGCCAAAA  
 ATCCCAAGTCAAAGGGCACAAAAAGAGACACTGAGAGGAACAAAGACATTGCTTTCTGGAAGCCAGAT  
 CTATGAATACGTGGAGATTCTCGGGAACAGCGACAGCTCACTCATGAAAATGTACAGCGCAAGCAAGCC  
 AGGACAGGCGAGGAGCGGGAGGAGGAGGAGGAGCAGATCAGCGAGAGCGAAAGTGAAGCAGAAAGAGA  
 ATGAGATCAATTTACAACCCCAAGAACCTGCCGCTGGGCTGGGACGGCAAGCCCATCCCCTACTGGCTGA  
 CAAGCTCCACGGCTGAATATCAACTACAACCTGTGAGATCTGTGGAACTACACCTACCGAGGGCCCAAG  
 GCCTTCCAGCGGCACTTTGCGGAGTGGCGTCATGCTCATGGCATGAGGTGTTTGGGCATCCCAAACACTG  
 CCCACTTTGCAAATGTGACACAGATTGAAGATGCTGTCTCCTTGTGGGCAAGCTGAAACTGCAGAAGGC  
 TTCAGAACGGTGGCAGCCTGACACCGAGGAAGAATATGAAGACTCCAGTGGAAATGTTGTGAACAAGAAG  
 ACATACGAGGATCTGAAAAGACAAGGGCTGCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208035 protein sequence  
 Red=Cloning site Green=Tags(s)

METILEQRRYHEEKERLMDVMAKEMLTKKSTLRDQINSDHRTRAMQDRYMEVSGNLRDL YDDKDLRKE  
 ELNAISGPNEFAEFYNRLKQIKEFHRKHPNEICVPMSEFEELLKARENPEEAAQNL VEF TDEEGYGRYL  
 DLHDCYLKYINLKASEKLDYITYLSIFDQLFDIPKERKNAEYKRYLEMLLEYLQDYTDREVPLQDQNELF  
 GKIQTDFEKKWDNGTFPGWPKETSSAL THAGAHLDLSAFSSWEELASLGLDRLKSALLALGLKCGGTLEE  
 RAQRLFSTKGKSLDSLFAKNPKSKGTRDTERNKDIAFLEAQIYEYVEILGEQRQL THENVQRKQA  
 RTGEEREEEEEEQISESESEDEENEI IYNPNLPLGWDGKPIPYWL YKLHGLNINYNCEICGNITYRGPK  
 AFQRHFAEWRHAHGMRC LGIPNTAHFANVTQIEDAVSLWAKLKLQKASERWQPDTEEEYEDSSGNVVKK  
 TYEDLKRQGLL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** BC092058

**ORF Size:** 1503 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:** [BC092058](#), [AAH92058](#)

**RefSeq Size:** 1777 bp

**RefSeq ORF:** 1505 bp

**Locus ID:** 75062

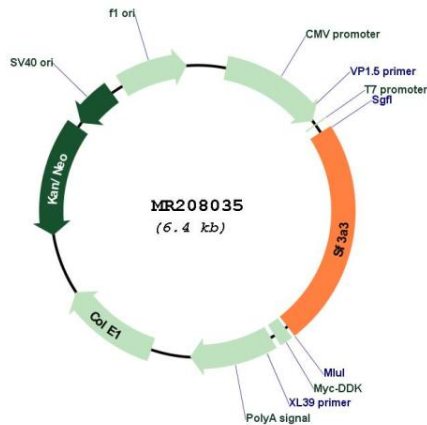
**Cytogenetics:** 4 D2.2

**MW:** 58.8 kDa

**Gene Summary:**

Involved in pre-mRNA splicing as a component of the splicing factor SF3A complex that contributes to the assembly of the 17S U2 snRNP, and the subsequent assembly of the pre-spliceosome 'E' complex and the pre-catalytic spliceosome 'A' complex. Involved in pre-mRNA splicing as a component of pre-catalytic spliceosome 'B' complexes.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208035