

## Product datasheet for **RN213073**

### Sf3b1 (NM\_053426) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sf3b1 (NM_053426) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sf3b1
Synonyms:	Sap155
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213073 representing NM_053426 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGAAGATCGCCAAGACTCACGAAGATATCGAAGCACAGATTCGAGAAATCAAGGCAAGAAGGCAG  
CTCTTGATGAAGCCCAAGGAGTGGCCTTGATTCCACAGGTTATTATGACCAAGAAATTTATGGTGGAAAG  
TGATAGCAGGTTTGCTGGATATGTGACATCAATTGCTGCGACTGAACTTGAAGATGATGACGATGACTAC  
TCATCATCCACTAGCTTGCTTGGTCAGAAGAAGCCTGGATATCATGCCCCGTGGCATTGCTTAATGATA  
TACCACAGTCAACAGAACAGTATGATCCATTGCTGAGCATCGTCTCCAAGATTGCAGACCGGAAGA  
TGAATATAAAAAGCATAGGCGGACCATGATAATTTCCCCAGAGCGTCTTGATCCTTTTGCAGATGGAGGG  
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CATGGCGGTGCAACTTCCAGTGCCGTA AAAACAGATGGGATGAGACCCCAAAAACAGAAAGAGATACTC  
CTGGGCATGGAAGTGGTGGGCTGAGACTCCTCGAACAGACCCGAGGTGGAGACTCTATTGGTGAGACACC  
AACTCCTGGAGCAAGTAAAAGAAAGTCTCGTTGGGACGAAAACACCAGCTAGTCAAATGGGCGGAAGCACT  
CCTGTTCTGACTCCAGGAAAAACACCAATTGGCACACCAGCCATGAACATGGCCACCCCACTCCAGGTC  
ACATAATGAGCATGACTCCTGAGCAGCTTCAGGCTTGGCGGTGGGAGAGAGAGATTGATGAGCGCAACCG  
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TTCACATGCAAACTGAAGACAGAACTATGAAAAGTGTCAACGACCAGCCATCTGGGAATCTTCCATTTCT  
AAAACCTGATGACATTCAGTACTTTGACAACTATTGGTTGATGTAGATGAGTCAACACTTAGTCCAGAA



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GAGCAAAAAGAAAGAAAAATAATGAAGTTGCTTTTAAAAATTAAGAATGGTACACCTCCAATGAGAAAGG  
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 TGCTATCTTGCCACATCTCAGAAGTTTAGTTGAAATCATTGAGCATGGTCTCGTGGATGAGCAGCAGAAA  
 GTTCGGACCATCAGTCTCTGGCCATTGCTGCTTTGGCTGAGGCAGCAACTCCTTATGGTATTGAGTCTT  
 TTGATTCTGTGCTCAAGCCCTATGGAAGGGTATTGCAACATAGAGGAAAGGGTCTGGCTGCTTTCTT  
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 AACTGCTGTTGTCATGAAGACTTGTCAAGAGGAAAACTGATGGGCACCTGGGTGTGGTCTGTATGAG  
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 TAGGTATGCATAAGATGACACCACCAATTAAGATCTGTTGCTAGACTCACCCCATCTTAAAGAACAG  
 ACATGAAAAAGTACAAGAGAATTGTATTGATCTTGTGGCGTATTGCTGACAGGGGAGCTGAGTATGTA  
 TCTGCAAGAGAGTGGATGAGGATTTGCTTTGAACTTTTAGAGCTTTTAAAAGCTCACAAAAAGCTATTC  
 GAAGAGCTACAGTCAATACATTTGGTTATATCGCAAAGGCTATTGGCCCTCACGATGATTGGCTACACT  
 TCTAAACAACCTCAAAGTTCAGGAAAGGCAGAACAGGGTTTGTACGACTGTAGCAATAGCCATTGTTGCT  
 GAAACATGCTCACCTTCACAGTACTCCCTGCCCTGATGAATGAGTACAGAGTTCCTGAGCTAATGTTT  
 AAAATGGAGTGTAAAATCACTCTCCTCTCTGTTGAGTATATCGGTGAAATGGGAAAAGACTACATCTA  
 CGCTGTAACACCTTTACTTGAGGATGCATTAATGGATAGGGACCTGTACACAGACAGACAGCTAGTGCA  
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 GAGAGTTGCTATTGGACCATGCAGAATGTTGCAGTATTGCTTACAGGGCCTGTTTACCCAGCTCGGAAA  
 GTCAGAGATGTATATTGAAAAATTTACAACCTCATCTACATTGGCTCCCAGGATGCTCTCATAGCACATT  
 ACCCAAGGATCTACAATGATGATAAGAACCTATATTCGTTACGAACCTGACTATATCTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_053426
- Insert Size:** 3915 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).
- 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\\_053426.1](#), [NP\\_445878.1](#)

**RefSeq Size:** 4954 bp

**RefSeq ORF:** 3915 bp

**Locus ID:** 84486

**Cytogenetics:** 9q31

**Gene Summary:** mouse homolog is a subunit of the U2 snRNP that is necessary for prespliceosome assembly and splicing catalysis [RGD, Feb 2006]