

Product datasheet for **MC202821**

Sf3a1 (NM_026175) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sf3a1 (NM_026175) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sf3a1
Synonyms:	1200014H24Rik; 5930416L09Rik; A1159724
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC029753 sequence for NM_026175
 ATCGCATTGAGTTGGATACTTTCGTGTGGTATCTTAAATCTTGTGTCGTCGCCACCGTTGTCGCCACCGAGG
 TGGACTGGCAGCCCTGAGCGTCGCAGTCATGCAGGCCGGACCCGTGCAGGCGGTACCCCCGCCGCCGCA
 GTAGCCACTGAGTCCAAACAGCCAATTGAAGAAGAAGCATCGTCAAAGGAGGATCCCACCCCTTCCAAGC
 CAGTGGTCGGCATTATTTACCCTCCCCGGAGGT CAGGAACATCGTCGACAAGACTGCCAGTTTTGTGGC
 CAGAAAATGGGCCCTGAATTTGAAGCTAGGATTCGACAGAATGAGATCAACAACCCCAAGTTCAATTTCTTA
 AATCCCAATGACCCTTACCATGCCCTACTACCGCCACAAGGTCAGCGAGTTC AAGGAGGGGAAGGCTCAGG
 AGCCCTCAGTGCCATCCCCAAGGTTATGCAGCAGCAGCAGCAAGCTACGCAACAGCAGCTGCCCCAGAA
 GGTCCAAGCCAGGTGATCCAAGAGACCATAGTACCGAAGGAGCCCCCTCCTGAGTTTGAGTTCATCGCT
 GATCCCCCTCCATCTCAGCCTTCGACCTGGATGTAGTGAAGCTGACAGCTCAGTTTGTGGCCAGGAATG
 GCGTCAGTTTCTGACCCAGCTGATGCAGAAAGAGCAGCGCAACTACCAGTTTGACTTTCTCCGACCCCA
 GCACAGCCTCTTCAACTACTTCACAAAGCTGGTGGAGCAGTATACCAAGATCTTGATTCCACCCAAAGGC
 TTATTTTCAAAGCTCAAGAAAGAGGCTGAAAATCCTCGAGAAGTTTTGGACCAGGTTTGTACCGAGTAG
 AATGGGCCAAATTT CAGGAACGTGAGAGGAAGAAGGAAGAAGAGGAGAAAGAGAAGGAGCGAGTAGCTTA
 TGCTCAGATTGACTGGCATGATTTTGTGGTGGTGGAGACAGTGGATTTTCAACCCATGAGCAAGGAAAC
 TTTCCACCCCAACAACACCAGAGGAAGTGGGAGCTCGGATCCTATT CAGGAGCGCTACGAGAAGTTTG
 GGGAGAGCGAGGAAGTGGAGATGGAGGTTGAGTCAGATGAGGAAGATCAGGAGAAGGCCGAGGAGACTCC
 TTCCAGCTGGACCAGGATACTCAAGTACAGGACATGGATGAGGGTTCAGATGATGAAGAAGAAGGGCAG
 AAAGTGCCTCCACCCCAAGACACCCATGCCTCCACCTCGCCCAACACCAGACCAAGTCATTGTGC
 GGAAGGACTATGATCCCAAAGCTTCAAAGCCCCTCCCTCCAGCCCCTGCTCCCGATGAGTATCTTGATC
 CCCCATCACTGGGGAGAAGATTCCTGCCAGCAAAATGCAGGAGCATGCGCATTGGGCTTCTTGACCCC
 CGCTGGCTGGAGCAGCGGACCGCTCCATCCGAGAGAAGCAGAGTATGACAGGTTTGGGTTAGAAGACAGC
 TGATATTGAGAGCAGCTTAAAGCAGTTGGCTGAGCGACTGACATCTTTGGGTTAGAAGACAGCAGC
 CATTGGTAAGAAGATTGGTGAAGAGGAGATCCAGAAGCCAGAGGAGAAGGTGACTTGGGATGGCCATTCA
 GGCAGCATGGCCCGGACCCAGCAGGCTGCCAGGCCAACATCACCTCCAGGAGCAGATTGAGGCCATCC
 ATAAGGCCAAGGGCTGGTGCCGGAAGATGACACTAAGGAGAAGATTGGCCCCAGCAAGCCCAATGAAAT
 CCCTCAGCAGCCACCCTCCATCTTCAGCCACCAATATCCCCAGCTCAGCACCCCCATTACATCAGTG
 CCCCAGCCACCTGCGATGCCACCTCCAGTCCGACCACTGTTGTATCTGCAGTACCTGTCATGCCTCGGC
 CACCCATGGCATCTGTGGTCCGGCTGCCCCAGGCTCAGTGATTGCCCCATGCCACCCATCATCCACGC
 ACCCAGGATCAATGTGGTACCTATGCCTCCTGCAGCACCTCCCATCATGGCGCCCCGCCACCTCCCATG
 ATTGTGCCAACAGCCTTTGTGCCTGCCACCTGTGGCTCCAGTCCCAGCCCAGCTCCAATGCCTCCTG
 TACACCCCCACCTCCTATGGAGGATGAGCCTCCATCCAAGAACTAAAGACCGAGGACAGTCTCATGCC
 TGAGGAAGAATTCTGCGCAGGAACAAGGGTCCAGTATCCATCAAAGTGCAGGTACCCAACATGCAGGAT
 AAGACGGAATGGAAGCTGAATGGCCAGGGGCTGGTCTTCACTCTCCCACTTACAGACCAGGTCTCTGTCA
 TCAAAGTGAAGATTATGAAGCCACGGGCATGCCTGCGGGGAAACAGAACTACAGTATGAAGGCATCTT
 CATCAAGGATCCAACCTCCCTGGCTTACTACAACATGGCCAGTGGTGTGTCATCCACTTGGCCCTCAAG
 GAGAGAGGCGGCAGGAAGAAGTAGCAAGAGATACTGCAATTGAAACCTTGCCATTGTACCTTTTGACC
 ACCAATTCAGGAGTGTCCCTGGGGCTCAGGCACAGCCTGGGCATTTGTTTCCCTCAAAGCCAGTCTAC
 GGATGAATATCTTGTTCATTTCTGGATTGGAGTCTTCAAGGAAGTCCATTAGAAGTTGAATACCCA
 GGATTGTCCACAGGACAGTTTACACTATCGAGTGATGCTTAGTTAATAGAATATGGTTAATGCCATTC
 ATCATTTTGTATCATGCTTTGGTTTCTTGAAGCCAGGCATAGTACATGCATGCCTGTGATCCTGGGACTT
 GGGATGTGTGGCAGAAGAATTAATGTTCAATGTTACCTCGGCTGTATAGCTTGAGGTGAGACTGGGC
 TGTGTGAGATACTGTGTTTTGTTTTTGGTTTTTGTGTTGTTGTTTTGGTGGTTTTTTTTGTTTTG
 TTTTAAATTA AAAACTGAACACTTCTTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026175
Insert Size: 2376 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:	<ol style="list-style-type: none">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:	BC029753 , AAH29753
RefSeq Size:	2996 bp
RefSeq ORF:	2376 bp
Locus ID:	67465
UniProt ID:	Q8K4Z5
Cytogenetics:	11 A1
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]