

Product datasheet for **SC300943**

SF3A1 (NM_001005409) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SF3A1 (NM_001005409) Human Untagged Clone
Tag:	Tag Free
Symbol:	SF3A1
Synonyms:	PRP21; PRPF21; SAP114; SF3A120
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001005409, the custom clone sequence may differ by one or more nucleotides

```

ATGCCGGCCGGACCCGTGCAGGCGGTGCCCCGCCGCCCGTGCACGGAGCCAAA
CAGCCCACAGAAGAAGAAGCATCTTCAAAGGAGGATTCTGCACCTTCTAAGCCAGTTGTG
GGGATTATTTACCTCCTCCAGAGGTGAGAAATATTGTTGACAAGACTGCCAGCTTTGTG
GCCAGAAAACGGGCTGAATTTGAAGCTAGGATCCGACAGAACGAGATCAACAACCCCAAG
TTCAACTTTCTGAACCCCAATGACCCCTTACCATGCCTACTACCGCCACAAGGTCAGCGAG
TTCAAGGAAGGGAAGGCTCAGTTTGTGGCCAGGAATGGGCGCCAGTTTCTGACCCAGCTG
ATGCAGAAAGAGCAGCGCAACTACCAGTTTGACTTTCTCCGCCACAGCAGACGCTCTTC
AACTACTTCACGAAGCTAGTGGAACAGTACACCAAGATCTTGATTCCACCCAAAGTTTA
TTTTCAAAGCTCAAGAAAGAGGCTGAAAACCCCGAGAAGTTTTGGATCAGGTGTGTAC
CGAGTGGAAATGGGCCAAATTCAGGAACGTGAGAGGAAGAAGGAAGAAGAGGAGAAGGAG
AAGGAGCGGGTGGCTATGCTCAGACTGACTGGCATGATTTTGTGGTGGTGGAAACAGTG
GACTTCCAACCCAATGAGCAAGGGAACCTCCCTCCCCACCACGCCAGAGGAGCTGGGG
GCCCGAATCCTCATTGAGGAGCGCTATGAAAAGTTTGGGAGAGTGAGGAAGTTGAGATG
GAGGTCGAGTCTGATGAGGAGGATGACAAACAGGAGAAGGCGGAGGAGCTCCTTCCAG
CTGGACCAGGACACCCAAGTACAAGATATGGATGAGGGTTCAGATGATGAGAAGAAGGG
CAGAAAGTGCCCCACCCCCAGAGACACCCATGCCTCCACCTCTGCCCCAACTCCAGAC
CAAGTCATTGTCCGAAGGATTATGATCCCAAAGCCTCCAAGCCCTTGCCTCCAGCCCCT
GCTCCAGATGAGTATCTTGTGTCCTCCATTACTGGGGAGAAGTCCCCGCCAGCAAAATG
CAGGAACACATGCGCATTGGACTTCTTGACCCTCGCTGGCTGGAGCAGCGGGATCGCTCC
ATCCGTGAGAAGCAGAGCGATGATGAGGTGTACGCACCAGGTCTGGATATTGAGAGCAGC
TTGAAGCAGTTGGCTGAGCGGCTACTGACATCTTCGGTGTAGAGGAAACAGCCATTGGT
AAGAAGATCGGTGAGGAGGAGATCCAGAAGCCAGAGGAAAAGGTGACCTGGGATGGCCAC
TCAGGCAGCATGGCCGGACCCAGCAGGCTGCCAGGCCAACATCACCTCCAGGAGCAG
ATTGAGGCCATTCAAGGCCAAAGGCCTGGTGCAGAGGATGACACTAAAGAGAAGATT
GGCCCCAGCAAGCCCAATGAAATCCCTCAACAGCCACCGCCACCATCTTCAGCCACCAAC
ATCCCCAGCTCGGCTCCACCCATCACTTCAGTGCCCGGACCACCCACAATGCCACCTCCA
GTTTCGTACTACAGTTGTCTCCGAGTACCCGTCATGCCCGGCCCCCAATGGCATCTGTG
GTCCGGCTGCCCCAGGCTCAGTATCGCCCCATGCCGCCATCATCCACGCGCCAGA
ATCAACGTGGTGGCCATGCCTCCCTCGGCCCTCTATTATGGCCCCCGCCACCCCC
ATGATTGTGCCAAGCCCTTGTGCCTGTCCACCTGTGGCACCTGTCCAGCTCCAGCC
CCAATGCCCCCTGTGCATCCCCACCTCCCATGGAAGATGAGCCACCTCAAAAAACTG
AAGACAGAGGACAGCCTCATGCCAGAGGAGGATTCTGCGCAGAAAACAAGGGTCCAGTG
TCCATCAAAGTCCAGGTGCCCAACATGCAGGATAAGACGGAAATGGAACTGAATGGGCG
GTGCTGGTCTTACCCTCCCACTCACGGACCAGGTCTCTGTCAATTAAGGTGAAGATTCAT
GAAGCCACAGGCATGCCTGCAGGAAAACAGAAGCTACAGTATGAGGGTATCTTCATCAA
GATTCAACTCACTGGCTTACTACAACATGGCCAATGGCGCAGTCATCCACCTGGCCCTC
AAGGAGAGAGGGCGGAGGAAGAAGTAG

```

- Restriction Sites:** Please inquire
- ACCN:** NM_001005409
- 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001005409.1</u> , <u>NP_001005409.1</u>
RefSeq Size:	4941 bp
RefSeq ORF:	2187 bp
Locus ID:	10291
Cytogenetics:	22q12.2
Protein Families:	Druggable Genome
Protein Pathways:	Spliceosome
Gene Summary:	<p>This gene encodes a subunit of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer is a component of the mature U2 small nuclear ribonucleoprotein particle (snRNP). U2 small nuclear ribonucleoproteins play a critical role in spliceosome assembly and pre-mRNA splicing. [provided by RefSeq, Aug 2014]</p> <p>Transcript Variant: Transcript variant 2 uses two alternative splice sites in the coding region, compared to transcript variant 1. Variant 2 encodes isoform 2, which is shorter than isoform 1.</p>