

Product datasheet for **SC324580**

SF3A3 (NM_006802) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SF3A3 (NM_006802) Human Untagged Clone
Tag:	Tag Free
Symbol:	SF3A3
Synonyms:	PRP9; PRPF9; SAP61; SF3a60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_006802.2
 GTGCAGCCTGATGCGCAACGTGGGGACTCAGGCGCGCTGGGCGGCAGGAGTTGCTCCGG
 CCGTGTGGTGGTCTGAATTGAGAAGCCGCGACTAAGGGAAGATGGAGACAATACTGGAG
 CAGCAGCGGCGCTATCATGAGGAGAAGGAACGGCTCATGGACGTCATGGCTAAAGAGATG
 CTCACCAAGAAGTCCACGCTCCGGGACCAGATCAATTCTGATCACCGCACTCGGGCCATG
 CAAGATAGGTATATGGAGGTCAGTGGGAACCTGAGGGATTTGTATGATGATAAGGATGGA
 TTACGAAAAGGAGGAGCTCAATGCCATTTTCAGGACCCAATGAGTTTGTGAATTCTATAAT
 AGACTCAAGCAAATAAAGGAATTCACCGGAAGCACCCAATGAGATCTGTGTGCCAATG
 TCAGTGGAAATTTGAGGAACTCCTGAAGGCTCGAGAGAATCCAAGTGAAGAGGCACAAAAC
 TTGGTGGAGTTACACAGATGAGGAGGGATATGGTCGTTATCTCGATCTCCATGACTGTTAC
 CTCAAGTACATTAACCTGAAGGCATCTGAGAAGCTGGATTATATCACATACCTGTCCATC
 TTTGACCAATTTTACATTCCATAAGAAAGGAAGAATGCAGAGTATAAGAGATACCTA
 GAGATGCTGCTTGTGACCTTCAGGATTACACAGATAGAGTGAAGCCTCTCCAAGATCAG
 AATGAACTTTTTGGGAAGATTCAGGCTGAGTTTGAAGAAGATGGGAGAATGGGACCTTT
 CCTGGATGGCCGAAAGAGACAAGCAGTGCCTGACCCATGCTGGAGCCCATCTTGACCTC
 TCTGCATTCTCCTCCTGGGAGGAGTTGGCTTCTCTGGGTTTGGACAGATTGAAATCTGCT
 CTCTTAGCTTTAGGCTTGAAATGTGGCGGGACCCTAGAAGAGCGAGCCCAGAGACTATTC
 AGTACCAAAGGAAAGTCCCTGGAGTCACTTGATACCTCTTTGTTGCCAAAAATCCCAAG
 TCAAAGGCGACCAAGCGAGACACTGAAAGGAACAAGACATTGCTTTTCTAGAAGCCCAG
 ATCTATGAATATGTAGAGATTCTCGGGGAACAGCGACATCTCACTCATGAAAATGTACAG
 CGCAAGCAAGCCAGGACAGGAGAAGAGCGAGAAGAAGAGGAAGAAGAGCAGATCAGTGAG
 AGTGAGAGTGAAGATGAAGAGAACGAGATCATTACAACCCCAAAAACCTGCCACTTGGC
 TGGGATGGCAAACCTATCCCTACTGGCTGTATAAGCTTCATGGCCTAAATATCAACTAC
 AACTGTGAGATTTGTGGAACTACACTACCGAGGGCCCAAGCCTTCCAGCGACACTTT
 GCTGAATGGCGTCATGCTCATGGCATGAGGTGTTTGGGCATCCCAAACTGCTCACTTT
 GCTAATGTGACACAGATTGAAGATGCTGTCTCCTTGTGGGCCAAACTGAAATTGCAGAAG
 GCTTCAGAACGATGGCAGCCTGACACTGAGGAAGAATATGAAGACTCAAGTGGGAATGTT
 GTGAATAAGAAGACATACGAGGATCTGAAAAGACAAGGACTGCTCTAGTGTGAGGGATG
 TAGCTCAGCTTTTGGGCTAGCCAGGCTCCCTAAGATCTGCTTTTTCTATTTCTCCAA
 CCAAATCTCTTAAAGACCTTTGCTATGTAGTCTCATGGTCTAGCATGCATCTGTAGA
 AACAAGGCATGCTGGCAGATTGCAGGTTGAGATGTGTTTTATCTGTTTTATTTTTAAA
 AGATTCTGCCAGAAAATAAACCCAGACCTTGTCTAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAA

Restriction Sites: Please inquire

ACCN: NM_006802

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:	NM_006802.2 , NP_006793.1
RefSeq Size:	2855 bp
RefSeq ORF:	1506 bp
Locus ID:	10946
UniProt ID:	Q12874
Cytogenetics:	1p34.3
Protein Pathways:	Spliceosome
Gene Summary:	<p>This gene encodes subunit 3 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 3 interacts with subunit 1 through its amino-terminus while the zinc finger domain of subunit 3 plays a role in its binding to the 15S U2 snRNP. This gene has a pseudogene on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>