

Product datasheet for **SC115857**

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
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006802, the custom clone sequence may differ by one or more nucleotides

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ATGGAGACAATACTGGAGCAGCAGCGCGCTATCATGAGGAGAAGGAACGGCTCATGGACGTCATGGCTA
AAGAGATGCTCACCAAGAAGTCCACGCTCCGGGACCAGATCAATTCTGATCACCGCACTCGGGCCATGCA
AGATAGGTATATGGAGGTCAGTGGGAACCTGAGGGATTTGTATGATGATAAGGATGGATTACGAAAGGAG
GAGCTCAATGCCATTTCCAGGACCAATGAGTTTGTGCAATTCTATAATAGACTCAAGCAAATAAAGGAAT
TCCACCGGAAGCACCCAATGAGATCTGTGTGCCAATGTCAGTGGAAATTTGAGGAACTCCTGAAGGCTCG
AGAGAAATCCAAGTGAAGAGGCACAAAACCTTGGTGGAGTTCACAGATGAAGAGGGATATGGTCGTTATCTC
GATCTCCATGACTGTTACCTCAAGTACATTAACCTGAAGGCATCTGAGAAGCTGGATTATATCACATACC
TGTCCATCTTTGACCAATTATTTGACATTCTAAAGAAAGGAAGAATGCAGAGTATAAGAGATACCTAGA
GATGCTGCTTGAGTACCTTCAGGATTACACAGATAGAGTGAAGCCTCTCCAAGATCAGAAATGAACTTTTT
GGGAAGATTGAGGCTGAGTTTGAGAAGAAATGGGAGAAATGGGACCTTTCTGGATGGCCGAAAGAGACAA
GCAGTGCCTGACCCATGCTGGAGCCCATCTTGACCTCTCTGCATTCTCCTCTGGGAGGAGTTGGCTTC
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CGAGCCCAGAGACTATTCAGTACCAAAGGAAAGTCCCTGGAGTCACTTGATACCTTTTGGTGGTGGCCAAA
ATCCCAAGTCAAAGGGCACCAAGCGAGACTGAAAGGAACAAAGACATTGCTTTTCTAGAAGCCAGAT
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AGGACAGGAGAAGAGCGAGAAGAAGAGGAAGAAGAGCAGATCAGTGAAGTGAAGTGAAGATGAAGAGA
ACGAGATCATTACAACCCAAAAACCTGCCACTTGGCTGGGATGGCAAACCTATTCCCTACTGGCTGTA
TAAGCTTCATGGCCTAAATCAACTACAAGTGTGAGATTTGTGGAACTACACCTACCGAGGGCCCAA
GCCTTCCAGCGACTTTGCTGAATGGCGTCATGCTCATGGCATGAGGTGTTGGGCATCCCAAACCTG
CTCACTTTGCTAATGTGACACAGATTGAAGATGCTGTCTCCTTGTGGCCAACTGAAATTCAGAAGGC
TTCAGAACGATGGCAGCCTGACTGAGGAAGAATATGAAGACTCAAGTGGGAATGTTGTGAATAAGAAG
ACATACGAGGATCTGAAAAGACAAGGACTGCTCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006802 unedited ATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGAAGATGGAGAC AATACTGGAGCAGCAGCGGCGCTATCATGAGGAGAAGGAACGGCTCATGGACGTCATGGC TAAAGAGATGCTACCAAGAAGTCCACGCTCCGGGACCAGATCAATTCTGATCACCGCAC TCGGGCCATGCAAGATAGGTATATGGAGGTCAGTGGGAACCTGAGGGATTTGTATGATGA TAAGGATGGATTACGAAAAGGAGGAGCTCAATGCCATTTTCAGGACCCAATGAGTTTGTCTGA ATTCTATAATAGACTCAAGCAAATAAAGGAATTCACCCGGAAGCACCCAATGAGATCTG TGTGCCAATGTCAGTGGAAATTTGAGGAACTCCTGAAGGCTCGAGAGAATCCAAGTGAAGA GGCACAAACTTGGTGGAGTTCACAGATGAAGAGGGATATGGTCGTTATCTCGATCTCCA TGACTGTTACCTCAAGTACATTAACCTGAAGGCATCTGAGAAGCTGGATTATATCACATA CCTGTCCATCTTTGACCAATTATTTGACATTCTAAAGAAAGGAAGAATGCAGAGTATAA GAGATACCTAGAGATGCTGCTTGTAGTACCTTCAGGATTACACAGATAGAGTGAAGCCTCT CCAAGATCAGAATGAACTTTTTGGGAAGATTTCAGGCTGAGTTTGAAGAAGAAATGGGAGAA TGGGACCTTTCTGGATGGCCGAAAGAGACAAGCAGTGCCCTGACCCATGCTGGNAGCC CATCTGACCTCTCTGCATTCTCTNCTGGGNAGGANTNGNNCTCTCTGGGGTTGGACAGA TTGAAATCTGCTCTTACGCTNTAGGCTTGAATGTGGCCGGGACCCTAN
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006802 unedited GTACGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAATGAGACAGGGTCTC ACTATGTTACCTAGGCTAGTCTCAAGCAACCCTCCTGCCTCAGCCTCCCAAGTAGCTGGG ACTACAGGCACAAGCCACTGCACCCAGCTCCAACCTCTTTCTTTATGCAAATACAAAAGG CAAACCTTGGTGCACACTTAGTCCTTAGTAGCAACCCTGGCTCATCCTCTAGTCTTTT CCTAGTATTTGCATCAATGGCTAACTAAGCTGATGGCAGACCTCATCCTGGGGTAATACT CATTTCAGGGAAGCAGCAACAAAGGAGGGTGGGAAAGAGGTGAGGTCAGATTTACCTAAC ATGATATGTAGCATAATAGGTGCCCATTAATCTCAGTACTAGTAAAGTTGGTGAAGAA GAGGTATGGAGGCATTAAGACCTGAAGCACTGAGTTGGTCCATAACCCTGGGCTTTAGAA CAAGGTCTGGTTTTATTTCTGGCAGAACTTTTTAAAAATATAAAACAGATAAAACACATC TCAACCCTGCAATCTGCCAGCATGCCTTGTCTACAAGATGCATGCTAGACCATGAGAC TACATAGCAAAGGGTCTTTAAGAGGATTTGGTTGGGAGAAATAGAAAAAGCAGATCTTAG GGAAGCCTGNGCTAGCCCAAAAGCTGAGCTACATCCCTCAACACTAGAGCAGTCTTGTCT TTTTAGATCCTCGTATGTCTTCTTATTCACAACATCCCCTTGGAGTCTTCATATTCTT TCTCAGTGTGAGGCTGCCATCGNTCTGAAGCCTTCTGCANATTTAGTTGGCCCAACA GACAGCATCTTCATCTGTGTACATANCAAAGTGAAGCAGTGTGGGATGCCCAACACCT CAGCCATGAGCATGACCCATCCAGCAATGTCGCTGGAAGG
Restriction Sites:	NotI-NotI
ACCN:	NM_006802
Insert Size:	2380 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).
OTI Annotation:	A TrueClone.
RefSeq:	NM_006802.2 , NP_006793.1
RefSeq Size:	2855 bp
RefSeq ORF:	1506 bp
Locus ID:	10946

UniProt ID: [Q12874](#)

Protein Pathways: Spliceosome

Gene Summary: 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] 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.