

Product datasheet for **SC321295**

SF3A1 (NM_005877) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SF3A1 (NM_005877) Human Untagged Clone
Tag:	Tag Free
Symbol:	SF3A1
Synonyms:	PRP21; PRPF21; SAP114; SF3A120
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_005877.4
CCGCAACTCGCTCGGCCCGCCATCTTGCAGCTCGTCTACTGACCGAGCGGGGAGGC
TGCTTTGAGGCGGCACCCTCACCGACACCGAGGCGGACTGGCAGCCCTGAGCGTCGCAG
TCATGCCGCGCGGACCCGTGCAGGCGGTGCCCCCGCCCGCCCGTGCCACGGAGCCCA
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AGTTCAACTTTTGAACCCCAATGACCCTTACCATGCCTACTACCGCCACAAGGTGAGCG
AGTTCAAGGAAGGAAGGCTCAGGAGCCGTCCGCCCATCCCCAAGGTATGCAGCAGC
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CAGCCTTCGACTTGATGTGGTGAAGCTGACGGCTCAGTTTGTGGCCAGGAATGGGCGCC
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CACAGCACAGCCTCTTCAACTACTTCACGAAGCTAGTGGAACAGTACACCAAGATCTTGA
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CCACAATGCCACCTCCAGTTCGTACTACAGTTGTCTCCGAGTACCCGTCATGCCCGGGC
CCCCAATGGCATCTGTGGTCCGGCTGCCCCAGGCTCAGTGATCGCCCCCATGCCGCCCA
TCATCCACGCGCCAGAATCAACGTGGTGGCCATGCCTCCCTCGGCCCTCCTATTATGG
CCCCCGCCACCCCATGATTGTGCCAACAGCCTTTGTGCCTGCTCCACCTGTGGCAC
CTGTCCAGCTCCAGCCCAATGCCCTGTGCATCCCCACCTCCCATGGAAGATGAGC
CCACCTCAAAAAAAGTGAAGACAGAGGACAGCCTCATGCCAGAGGAGGAGTTCTGCGCA
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GTCAAGTCCCTGCCATTTGCTCTCCTGTCTCCACCCCTGCCCCAGACCCAGGAGCC
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TTTCTAAGCCACTCTCTGGAATCTTTTGTGTTAGGGTCTCGATTTGAGGACATTCATTT
CTTCAGCAGCCATTAGCAACTGAGAGCCAGGGATGTCCTACAGGATAGTTTCATAGTG
ACAGGTGGCACTTGCTAATAGAATATGGCTGATATTGCATTAATCATTTTGTACCTTG
ACATGGGTTGTCTAATAAAAACCTCGGACCCTTCTGTGAAAAAAAAAAAAAAAAAAAA
    
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Restriction Sites:

Please inquire

ACCN:	NM_005877
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_005877.4 , NP_005868.1
RefSeq Size:	5136 bp
RefSeq ORF:	2382 bp
Locus ID:	10291
UniProt ID:	Q15459
Cytogenetics:	22q12.2
Domains:	Surp, UBQ
Protein Families:	Druggable Genome
Protein Pathways:	Spliceosome
Gene Summary:	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]