

Product datasheet for **SC213358**

splicing factor 1 (SFI) (NM_004630) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	splicing factor 1
Synonyms:	BBP; DIIS636; MBBP; ZCCHC25; ZFM1; ZNF162
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_004630
Insert Size:	1242 bp

Insert Sequence: >SC213358 3'UTR clone of NM_004630
The sequence shown below is from the reference sequence of NM_004630. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GCTCCCCACCGCTCCACACAGAACTAGACTTGTGTTTTAAGAAAATATATATTATATAGAGAGA
ATTGGTCTCGTTTAAACACGCCGAACCTCACCATATGGAGCCAGACATTGGGACGCACGCATGTGATTG
TGTGTGCACGCATGTGTGTGTGTCACGCACTGGGCTGGGCAAGCGACTGAGGATTCGTTGGGAACG
GGCAGGTGGTAGTAGGGGCCAGCTTGGGCTCTCCTGGCGCCCCGTAGCATCGAGTGTCTTCTTTGTC
TTCTTTCTCTCCTACCCAACCTCCCTTTGCCTCTCCCAAACCGGGCCGCCAGGATCCCTCCCCGCGG
GGCGATGGCCCGAGCCATGAGAGTGAGGACTTTCCGCGCCATTGGTGACCTTCCAGGCAGACAGCCT
CAGCAACGCCCTGGTGGACAGGATGGTTCGGCAAAGCAGCCTGAGTTATTTTGTGGACGGAATCGGA
ACACGCTGGCTCCATATCGTGAAATTTTATTAATTTTTTCTTTTCTTTTGTACTTCTTTATCTTT
TCCTTTCTTCAGACTCCGTCCAAGGAGATGCTCTCCCGGTCTTCTGCTGCAATTTAGATTCTTTCCC
TTCTCTCCAGTTCTCCTTCCCTTACCAAGGAGAGGGGAGCAAATGGTTTTGGGCAAGGGCTTTGGCCAT
TCATGTCAAGCTGGTTGTGGTTTTTCAAGGTGCCATAGCCACCCCAAGATGTTTGTAAAGCGTG
GGGTTTTTTAATCTCTGCCACCCTTGTCAAGGGAGTCTGTAAAGTTGCCGAGGGTAGGTTCACTCCA
GGTTTCGGGATTCCCATCCGTCTGCGATCCTGCCAGCAGTGGGTGGGCGAGCCTGAGCTCCCTCGGGC
TCGCTGCCAGCCTGGAGTTCTTCTGTGCTCCTTGATCACCTGAGCTGCCTCAGATTCCATTTGGTCC
TCTCCTTCTGGAAGGCTTCTTTTATGTTTTGTTTTAATCCCAATGTCTGAATGTTTTGCAGTGTGT
AGGGGTTTGAGCCCTTGTTCATTCTCCTTCTTTTCTCCCGCTTCCCTCTCCATGAAGTGATTCTG
TTGACAATAATGTATACTGCGCGTTCTCTTCACTGGTTTATCTGCAGAAATTTCTCTGGGCTTTTTTCG
GTGTTAGATTCAACACTGCGCTAAAGCGGGGATGTTCCATTGAATAAAGAGCAGTGTGTTTTCTGGG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_004630.4
Summary:	This gene encodes a nuclear pre-mRNA splicing factor. The encoded protein specifically recognizes the intron branch point sequence at the 3' splice site, together with the large subunit of U2 auxiliary factor (U2AF), and is required for the early stages of spliceosome assembly. It also plays a role in nuclear pre-mRNA retention and transcriptional repression. The encoded protein contains an N-terminal U2AF ligand motif, a central hnRNP K homology motif and quaking 2 region which bind a key branch-site adenosine within the branch point sequence, a zinc knuckles domain, and a C-terminal proline-rich domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Locus ID:	7536
MW:	46.3