

## Product datasheet for **SC205442**

### SF3B5 (NM\_031287) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SF3B5 (NM_031287) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SF3B5
Synonyms:	SF3b10; Ysf3
ACCN:	NM_031287
Insert Size:	383 bp
Insert Sequence:	>SC205442 3'UTR clone of NM_031287 The sequence shown below is from the reference sequence of NM_031287. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGCCAGCCGACAAGCCCGAGGAGAACTGAGACTCTGCCTTACCACCGCAGTGCGGGGCACCTCTCCCA GCGTTTCTCCGGTTTGCCAATCCTTAAAGTATTCCTGTCTCCAAGGACCGGCTCTCCATGGCTCCTG CGCCTCGTGCTTCCGCGTACAGAAGTGCTTGCCCGGGAGTCCCGCCTGACCTGCCTTCATGTGGACC CTTAGAACAGCACTGGGAGACCAGCAGGACTCCTGAGAACTGTGCTGGTGGAGAGTCTAGAGCCGGC GAGCGTTTGAGAAGAGGGCATGGCGCTGGAGTGAGATGGGATTTGGCGTCTCGTTTTGGCTAATTGAT TGTCATTGGCTTTTTCCATAAAGTTTAGAAATCGTTCA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG  Restriction Sites: Sgfl-MluI
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.
RefSeq:	<u><a href="#">NM_031287.3</a></u>



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**Summary:** Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex, a constituent of the spliceosome (PubMed:27720643, PubMed:28781166). SF3B complex is required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA (PubMed:12234937).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 83443

**MW:** 14.3