

Product datasheet for **SC204723**

SAP155 (SF3B1) (NM_012433) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SAP155 (SF3B1) (NM_012433) Human 3' UTR Clone
Symbol:	SAP155
Synonyms:	Hsh155; MDS; PRP10; PRPF10; SAP155; SF3b155
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012433
Insert Size:	2000 bp



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Insert Sequence: >SC204723 3'UTR clone of NM_012433
The sequence shown below is from the reference sequence of NM_012433. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTCGTTATGAACCTTGACTATATCTTAATTTTTATTGTTTATTTGTGTTAATGCACAGCTACTTCA
CACCTTAAACTTGCTTTGATTTGGTGATGTAACTTTTAAACATTGCAGATCAGTGTAAGTGGTCAT
AGAGGAAGAGCTAGAAATCCAGTAGCATGATTTTTAAATAACCTGTCTTTGTTTTGATGTTAAACAGT
AAATGCCAGTAGTGACCAAGAACACAGTGATTATACACTATACTGGAGGGATTTCAATTTTAATTCA
TCTTTATGAAGATTTAGAACTATTCTTGTGTTTAAAGGGAATGTTAATTGAGAAATAAACATTTGT
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CTAAACTGTCTTGAATATTTTGTACTTACATAGCGCCTTTCATCTCTTGATTTCTCAAAATGCTTTATG
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GAATTTAACTTTACTTCAAACTGCTTTCTGCCTATTAGGAGTGAGGATACCTAAGTAATGCTGATAGA
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CTTTAAGAACAGTATAATGGAGAAGGGGAGACAAACCTTGTGACAGATTCTTATGTACTGTGATAATA
CACAGTGGCAGCAGCTAAATGTCTAGGTTTGCTTAGCTTTGTATTGAGTAATAATAAGTTGATCTAAG
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CCTGGCTAACCGGTGAAGTCCCGTCTACTAAAAATACAAAAATTAGCCAGGCGTGGTGGCGGGCGCCT
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GCCGAGATAGCGCTGCTACACTCCAGCCTGGGCGACAGAGACTCCGTCTCAAAAAAAAAAAAAAATTG
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TATGACAACTTTCTGAATATATGTCACTATGTAGTAAATTAACACTCCAACTCATCTTTCTGTTGT
TAGAAGTTTTAGCGGTACTTCCATGCACTTTAAATCTCACTGCTCTCTATGGTTGATGTCAAATGAC
CTTCAGTAATGACTGAGAATTGAATACAAATAGATTACAAAGCCAAATTTGATGTTAAATGACTCAG
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-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: [NM_012433.4](#)

Summary:

This gene encodes subunit 1 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. The carboxy-terminal two-thirds of subunit 1 have 22 non-identical, tandem HEAT repeats that form rod-like, helical structures. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID:

23451

MW:

75.9