

## Recombinant Human SF3B1 Protein, MYC/DDK-tagged

Cat. No. SF3B1-1118H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SF3B1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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].</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	15.8 kDa
<b>Purity</b>	>50 ug/mL as determined by microplate BCA method
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

**Gene Name** SF3B1 splicing factor 3b, subunit 1, 155kDa [ Homo sapiens ]

**Official Symbol** SF3B1

**Synonyms** Hsh155; MDS; PRP10; PRPF10; SAP155; SF3b155

**Gene ID** 23451

**mRNA Refseq** NM\_001005526

**Protein Refseq** NP\_001005526

**MIM** 605590

**UniProt ID** O75533

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