

Recombinant Human SF3B1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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