Recombinant Mouse Sf3b3 Protein, MYC/DDK-tagged

Cat. No. Sf3b3-194M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse splicing factor 3b, subunit 3 (Sf3b3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex, a constituent of the spliceosome. 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. May also be involved in the assembly of the 'E' complex. Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron.
Molecular Mass	136 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Sf3b3 splicing factor 3b, subunit 3 [Mus musculus (house mouse)]
Official Symbol	Sf3b3
Synonyms	Sf3b3; splicing factor 3b, subunit 3; RSE1; SAP130; SF3b130; AA409318; mKIAA0017; D8Ertd633e; 1810061H24Rik; 5730409A01Rik; splicing factor 3B subunit 3; SAP 130; pre-mRNA-splicing factor SF3b 130 kDa subunit; spliceosome-associated protein 130
Gene ID	101943
mRNA Refseq	NM_133953
Protein Refseq	NP_598714
UniProt ID	Q921M3

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