

Recombinant Mouse Sf3b5 Protein, Myc/DDK-tagged

Cat. No. Sf3b5-5811M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length splicing factor 3b, subunit 5 (Sf3b5), 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.
Molecular Mass	10.6 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.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Sf3b5 splicing factor 3b, subunit 5 [Mus musculus (house mouse)]
Official Symbol	Sf3b5
Synonyms	SF3B5; splicing factor 3b, subunit 5; splicing factor 3B subunit 5; pre-mRNA-splicing factor SF3b 10 kDa subunit; 10kDa; Sf3b10; AU043053; 1110005L13Rik
Gene ID	66125
mRNA Refseq	NM_175102
Protein Refseq	NP_780311
UniProt ID	Q923D4

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