Recombinant Human SF3B5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SF3B5-3106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SF3B5 MS Standard C13 and N15-labeled recombinant protein (NP_112577) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	10.1 kDa
AA Sequence	MTDRYTIHSQLEHLQSKYIGTGHADTTKWEWLVNQHRDSYCSYMGHFDLLNYFAIA ENESKARVRFNLMEKMLQPCGPPADKPEENTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SF3B5 splicing factor 3b subunit 5 [Homo sapiens (human)]
Official Symbol	SF3B5
Synonyms	SF3B5; splicing factor 3b, subunit 5, 10kDa; splicing factor 3B subunit 5; MGC3133; SF3b10; Ysf3; pre-mRNA-splicing factor SF3b 10 kDa subunit;
Gene ID	83443
mRNA Refseq	NM_031287
Protein Refseq	NP_112577
MIM	617847
UniProt ID	Q9BWJ5

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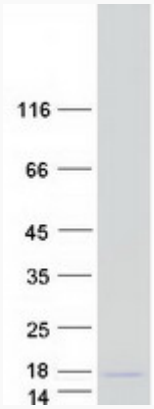
SDS-PAGE	

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