

Recombinant Human SF3B3 Protein, MYC/DDK-tagged

Cat. No. SF3B3-2509H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human splicing factor 3b, subunit 3 with a C-MYC/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes subunit 3 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. Subunit 3 has also been identified as a component of the STAGA (SPT3-TAF(II)31-GCN5L acetylase) transcription coactivator-HAT (histone acetyltransferase) complex, and the TFTC (TATA-binding-protein-free TAF(II)-containing complex). These complexes may function in chromatin modification, transcription, splicing, and DNA repair. [provided by RefSeq, Jul 2008].
Molecular Mass	135.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at –80 centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.

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Concentration >50 µg/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 [Homo sapiens (human)]

Official Symbol SF3B3

Synonyms RSE1; SAP130; SF3b130; STAF130; SF3B3; splicing factor 3b subunit 3; splicing factor 3B subunit 3; SAP 130; pre-mRNA splicing factor SF3b, 130 kDa subunit; spliceosome-associated protein 130

Gene ID 23450

mRNA Refseq NM_012426

Protein Refseq NP_036558

MIM 605592

UniProt ID Q15393

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