

Recombinant Human SF3B3 Protein (F2-F1217), Tag Free

Cat. No. SF3B3-0590H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-SF3B3(F2-F1217 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	F2-F1217
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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.
GENE INFORMATION	
Gene Name	SF3B3 splicing factor 3b, subunit 3, 130kDa [Homo sapiens (human)]
Official Symbol	SF3B3
Synonyms	SF3B3; splicing factor 3b, subunit 3, 130kDa; splicing factor 3b, subunit 3, 130kD; splicing factor 3B subunit 3; KIAA0017; RSE1; SAP130; SF3b130; SAP 130; spliceosome-associated protein 130; pre-mRNA-splicing factor SF3b 130 kDa subunit; pre-mRNA splicing factor SF3b, 130 kDa subunit; STAF130;
Gene ID	23450
mRNA Refseq	NM_012426
Protein Refseq	NP_036558
MIM	605592
UniProt ID	Q15393