

## Product datasheet for **TP300977**

### SF3B5 (NM\_031287) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human splicing factor 3b, subunit 5, 10kDa (SF3B5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200977 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MTDRYTIHSQLEHLQSKYIGTGHADTTKWEVLVNQHRDSYCSYMGHFDLLNYFAIAENESKARVRFNLME KMLQPCGPPADKPEEN
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	10 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_112577</a>
Locus ID:	83443
UniProt ID:	<a href="#">Q9BWJ5</a>
RefSeq Size:	786
Cytogenetics:	6q24.2



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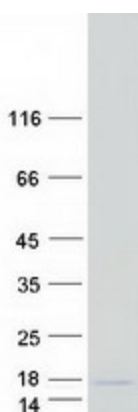
RefSeq ORF: 258

Synonyms: SF3b10; Ysf3

**Summary:** Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex, a constituent of the spliceosome (PubMed:27720643, PubMed:28781166). 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 (PubMed:12234937).[UniProtKB/Swiss-Prot Function]

**Protein Pathways:** Spliceosome

### Product images:



Coomassie blue staining of purified SF3B5 protein (Cat# TP300977). The protein was produced from HEK293T cells transfected with SF3B5 cDNA clone (Cat# [RC200977]) using MegaTran 2.0 (Cat# [TT210002]).