

## Product datasheet for TP511816

### Sf3b3 (NM\_133953) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse splicing factor 3b, subunit 3 (Sf3b3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211816 representing NM_133953 Red=Cloning site Green=Tags(s)

MFLYNLTLQRATGISFAIHGNFSGTKQQEIVSRGKILELLRPDPNTGKVHTLLTVEVFGVIRSLMAFRL  
TGGTKDYIVVGS DSGRIVILEYQPSKNMFEKIHQETFGKSGCRRIVPGQFLAVDPKGRAVMISAIEKQKL  
VYILNRDAAARLTISSPLEAHKANTLVYHVVGVDVGFENPMFACLEMDYEEADNDPTGEEAANTQQTLTF  
YELDLGLNHVVRKYSEPLEEHGNFLITVPGGSDGPGSVLICSENYITYKNFGDQPDIRCIPIRRRNDLDD  
PERGMIFVCSATHKTKSMFFLAQTEQGDIFKITLETDEDMVTEIRLKYFDTVPVAAAAMCVLKTGFLFVA  
SEFGNHLYQIAHLGDDDEEPEFSSAMPLEEGDTFFFQPRPLKNLVLDVDELDSLPIFCQIADLANEDT  
PQLYVACGRGPRSSLRVLRHGLEVSEMAVSELPGNPNAVWTVRRHIEDEFDAYIIVSFVNATLVLSIGET  
VEEVTDSGFLGTTPTLSCSLLGDDALVQVYPDGIRHIRADKRVNEWKTPGKKTIVKCAVNQRQVVIALTG  
GELVYFEMDPGQLNEYTERKEMSADVWCMSLANVPPGEQSRFLAVGLVDNTVRIISLDPSDCLQPLSM  
QALPAQPESLCIVEMGGTEKQDELGERGSIGFLYLNIGLQNGVLLRVLDPVTGDLSDTRTRYLGSRPVK  
LFRVRMQGQEAFLAMSSRSWLSYSYQSRFHLTPLSYETLEFASGFASEQCPEGIVAISTNTRLILALEKL  
GAVFNQVAFPLQYTPRKFIHPESNNLIIETDHNAYTEATKAQRKQMAEEMVEAAGEDERELAAEMAA  
AFLNENLPESIFGAPKAGNGQWASVIRVMNPIQGNTLDLVQLEQNEAAFSVAVCRFSNTGEDWYVLVGV  
KDLILSPRSVAGGFVYTYKLVNNGEKLEFLHKTPEEVPAAIAPFQGRVLIGVGKLLRVYDLGKKKLLRK  
CENKHIANYSISGIQTIGHRVIVSDVQESFIWVRYKRNNQLIIFADDTYPRWTTASLLDYDTVAGADKF  
GNICVRLPPNTNDEVEDPTGNKALWDRGLLNGASQKAEVIMNYHVGETVLSLQKTTLIPGGSESIVYT  
TLSGGIGILVPFTSHEDHDFQHVEMHLRSEHPPLCGRDHLSFRSYFPVKNVIDGDLCEQFNSMEPNKQ  
KNVSEELDRTPPEVSKKLEDIRTRYAF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

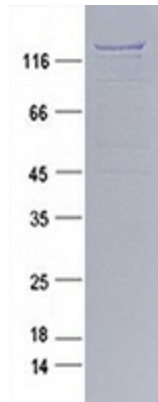
Tag:	C-MYC/DDK
Predicted MW:	136 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_598714</a>
<b>Locus ID:</b>	101943
<b>UniProt ID:</b>	<a href="#">Q921M3</a> , <a href="#">B2RSV4</a>
<b>RefSeq Size:</b>	4299
<b>Cytogenetics:</b>	8 57.73 cM
<b>RefSeq ORF:</b>	3651
<b>Synonyms:</b>	1810061H24Rik; 5730409A01Rik; AA409318; D8Ert633e; mKIAA0017; RSE1; SAP130
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein Sf3b3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.