

Product datasheet for TP322762

SF3B2 (NM_006842) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human splicing factor 3b, subunit 2, 145kDa (SF3B2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222762 representing NM_006842 Red=Cloning site Green=Tags(s)

MATEHPEPPKAELQLPPPPPPGHYGAWAAQELQAKLAEIGAPIQGNREELVERLQSYTRQTGIVLNRPVL
RGEDGDKAAPPPMSAQLPGIPMPPPLGLPPLQPPPPPPPPPPGLGLGFMAHPPNLGPPPPLRVGEPVA
LSEERLKLAAQQQAALLMQQEERAKQQGDHSLKEHELLEQQKRAVLLERQEQEIAKMGTPVPRPPQDM
GQIGVRTPLGPRVAAPVGPVGPPTVLPMGAPVPRRGPVPPPPGDENREMDPSVGPQALEKILQLK
ESRQEEMNSQEEEEEMETDARSSLGQSASETEEDTVSVSKKEKNRKRNRKRRRKKKKKQVRVGVSSSESSGDR
EKDSTRSRGSDSPAADVEIEYVTEPEIYEPNFIFFRIFEAFKLTDDVKKEKEKEPEKLDKLENSAAPK
KKGFEHKKDSDDDSSDDEQEKKEAPKLSKKLRRMNRFTVAELKQLVARPDVEMHDVTAQDPKLLVH
LKATRNSVPVPRHWCFKRKYLQGKRKIEKPPFELPDFIKRTGIQEMREALQEKEEQTMKSKMREKVRPK
MGKIDIDYQKLHDAFFKWQTKPKLTIHGDLYYEGKEFETRLKEKKPGDLSDELRLSGLMPVGPNAHKVPP
PWLIAMQRYGPPPSYPNLKIPGLNSPIPESCSFGYHAGGWGKPPVDETGKPLYGDVFGTNAAEFQTKTEE
EEIDRTPWGELEPSDESSEEEEEESDEDKPDETGFITPADSGLITPGGFSSVPAGMETPELIELRKKK
IEEAMDGSETPQLFTVLPEKRTATVGGAMMGSTHIYDMSTMVSRKGPAPELQGVEVALAPEELELDPAMAM
TQKYEEHVREQQAQVEKEDFSDMVAEHAAKQKQKKRKAQPQDSRGGSKKYKEFKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

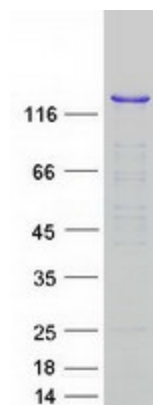
Tag:	C-Myc/DDK
Predicted MW:	100 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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:	NP_006833
Locus ID:	10992
UniProt ID:	Q13435
RefSeq Size:	2902
Cytogenetics:	11q13.1
RefSeq ORF:	2685
Synonyms:	Cus1; SAP145; SF3b1; SF3B145; SF3b150
Summary:	This gene encodes subunit 2 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 2 associates with pre-mRNA upstream of the branch site at the anchoring site. Subunit 2 also interacts directly with subunit 4 of the splicing factor 3b complex. Subunit 2 is a highly hydrophilic protein with a proline-rich N-terminus and a glutamate-rich stretch in the C-terminus. [provided by RefSeq, Jul 2008]
Protein Pathways:	Spliceosome

Product images:



Coomassie blue staining of purified SF3B2 protein (Cat# TP322762). The protein was produced from HEK293T cells transfected with SF3B2 cDNA clone (Cat# [RC222762]) using MegaTran 2.0 (Cat# [TT210002]).