

Product datasheet for PH322762

SF3B2 (NM_006842) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SF3B2 MS Standard C13 and N15-labeled recombinant protein (NP_006833)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222762
Predicted MW:	100.7 kDa
Protein Sequence:	>RC222762 representing NM_006842 Red=Cloning site Green=Tags(s)

MATEHPEPPKAELQLPPPPPGHYGAWAAQELQAKLAEIGAPIQGNREELVERLQSYTRQTGIVLNRVPL
RGEDGDKAAPPMSAQLPGIPMPPLGLPPLQPPPPPPPPGLGLGFPMAHPPNLGPPPLRVGEPVA
LSEERLKLAAQQAALLMQQEERAKQQGDHSLKEHELLEQQKRAAVLLEQERQEI AKMGTVPVPRPPQDM
GQIGVRTPLGPRVAAPVGPVGTPTVLPAGAPVPRGPPPPPGDENREMDPSVGPKIPQALEKILQLK
ESRQEEMNSQQEEEEEMTDARSSLGQSASETEEDTVSVSKKEKNRKRNRKRRRKKKKPQVRVGSSESSGDR
EKDSTRSRGSDSPAADVEIEYVTEPEIYEPNF IFFKRIFEAFKL TDDVKKEKEKEPEKLDKLENSAAPK
KKGFEHKKSDDDSSDDEQEKKPEAPKLSKKLRRMNRF TVALKQLVARPDVEMHDVTAQDPKLLVH
LKATRNSVVPVPRHWCFKRKYLGKRGIEKPPFELPDFIKRTGIQEMREALQEKEEQTKMSKMREKVRPK
MKGIDIDYQKLHDAFFKQTKPKLTIHGDLYYEGKEFETRLKEKPGDLDELRIISLGMPVGPNAHKVPP
PWLIAMQRYGPPPSYPNLKIPGLNSPIPESCSFGYHAGGWGKPPVDETGKPLYGDFGTNAAEFQTKTEE
EEIDRTPWGELEPSDEESSEEEEEESDEDKPEDTGFITPADSGLITPGGFSSVPAGMETPELIELRKKK
IEEAMDGSETPQLFTVLPEKRTATVGGAMMGSTHIYDMSTVMSRKGPAPELQGVVALAPEELELDPMM
TQKYEEHVREQQAQVEKEDFSDMVAEHAQKQKRRKAQPQDSRGGSKKYKFKF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



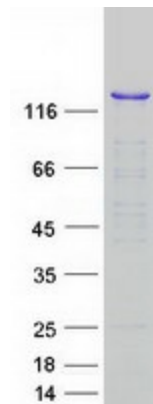
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RefSeq:	NP_006833
RefSeq Size:	2902
RefSeq ORF:	2685
Synonyms:	Cus1; SAP145; SF3b1; SF3B145; SF3b150
Locus ID:	10992
UniProt ID:	Q13435
Cytogenetics:	11q13.1

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]).