

Recombinant Human SNRPB Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SNRPB-068H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNRPB MS Standard C13 and N15-labeled recombinant protein (NP_937859) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is one of several nuclear proteins that are found in common among U1, U2, U4/U6, and U5 small ribonucleoprotein particles (snRNPs). These snRNPs are involved in pre-mRNA splicing, and the encoded protein may also play a role in pre-mRNA splicing or snRNP structure. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding different isoforms (B and B') have been found for this gene.
Molecular Mass	24.4 kDa
AA Sequence	MTVGKSSKMLQHIDYRMRCILQDGRIFIGTFKAFDKHMLNLILCDCDEFKIKPKNSKQ AEREKRVLGLVLLRGENLVSMTEGPPPKDTGIARVPLAGAAGGPGIGRAAGRGIP AGVPMPQAPAGLAGPVRGVGGPSQQVMTPQGRGTVAATAAATASIAGAPTQYPP GRGGPPPPMGRGAPPPGMMGPPPGMRPPMGPPMGIPPGRGTPMGMPPPGMRP PPPGMRGPPPPGMRPPRPTTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

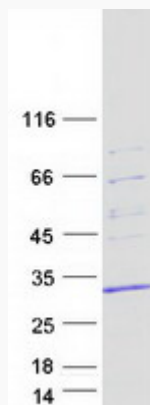
GENE INFORMATION

Gene Name	SNRPB small nuclear ribonucleoprotein polypeptides B and B1 [Homo sapiens (human)]
Official Symbol	SNRPB
Synonyms	SNRPB; small nuclear ribonucleoprotein polypeptides B and B1; CCMS; COD; Sm-B/B'; SmB/B'; SmB/SmB'; snRNP-B; SNRPB1; small nuclear ribonucleoprotein-associated proteins B and B'; B polypeptide of Sm protein; Sm protein B/B'; sm-B/Sm-B'; small nuclear ribonucleoprotein polypeptide B; small nuclear ribonucleoprotein polypeptides B and B'
Gene ID	6628
mRNA Refseq	NM_198216
Protein Refseq	NP_937859
MIM	182282
UniProt ID	P14678

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SDS-PAGE

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