

Recombinant Mouse Snrpb Protein, Myc/DDK-tagged

Cat. No. Snrpb-6005M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length small nuclear ribonucleoprotein B (Snrpb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays role in pre-mRNA splicing as core component of the SMN-Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes. Is also a component of the minor U12 spliceosome. As part of the U7 snRNP it is involved in histone pre-mRNA 3'-end processing.
Molecular Mass	24.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Snrpb small nuclear ribonucleoprotein B \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Snrpb](#)

Synonyms SNRPB; small nuclear ribonucleoprotein B; small nuclear ribonucleoprotein-associated protein B; sm protein B; SMB; SM-B; SM11; SNRNP-B; AL024368; AU018828

Gene ID [20638](#)

mRNA Refseq [NM_009225](#)

Protein Refseq [NP_033251](#)

UniProt ID [P27048](#)

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