

## Product datasheet for **TP519082**

### **Snrpb (NM\_009225) Mouse Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse small nuclear ribonucleoprotein B (Snrpb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA** >MR219082 representing NM\_009225

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MTVGKSSKMLQHIDYRMRCILQDGRIFIGTFKAFDKHMNLILCDCDEFKIKPKNSKQAEREKRVLGLV  
LLRGENLVSMTEGPPPKDTGIARVPLAGAAGGPGIGRAAGRGIPAGVPMPQAPAGLAGPVRGVGGPSQQ  
VMTPQGRGTVAATAAATASIAGAPTQYPPGRGGPPPMGRGAPPPGMMGPPGMRPPMGPPMGLPPGRG  
TPMGMPPPGMRPPPPGMRLL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 24.1 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

**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 after receiving vials.

**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\\_033251](#)

**Locus ID:** 20638

**UniProt ID:** [P27048](#)

**RefSeq Size:** 1121



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**Cytogenetics:** 2 63.19 cM

**RefSeq ORF:** 693

**Synonyms:** AL024368; AU018828; SM-B; SM11; SMB; SNRNP-B

**Summary:** 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 (By similarity). As part of the U7 snRNP it is involved in histone pre-mRNA 3'-end processing (PubMed:19470752).[UniProtKB/Swiss-Prot Function]