

## Product datasheet for **TP503911**

### **Snrpa (NM\_015782) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse small nuclear ribonucleoprotein polypeptide A (Snrpa), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR203911 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MATIATMPVPETRANHTIYINNLNEKIKKDELKKSLEYAIFSQFGQILDILVSRIMKMRGQAFVIFKEVTS ATNALRSMQGFPFYDKPMRIQYAKTDSDIIAKMGTYVERDRKREKRKPKSQETPAAKKAVQGGAAAPVV GAVQPVPGMPPMPQAPRIMHHMPGQPPYMPPGMIPPPGLAPGQIPPGAMPPQQLMPGQMPPAQLSENP PNHILFLTNLPEETNELMLSMLFNQFPGFKEVRLVGRHDIAFVEFDNEVQAGAARDALQGFKITQNNAM KISFAKK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	31.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_056597</a>
<b>Locus ID:</b>	53607
<b>UniProt ID:</b>	<a href="#">Q62189</a>



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RefSeq Size: 1382

Cytogenetics: 7 A3

RefSeq ORF: 864

Synonyms: C430021M15Rik; Rnu1a-1; Rnu1a1; U1-A; U1A

**Summary:** Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. U1 snRNP is the first snRNP to interact with pre-mRNA. This interaction is required for the subsequent binding of U2 snRNP and the U4/U6/U5 tri-snRNP. SNRPA binds stem loop II of U1 snRNA. In a snRNP-free form (SF-A) may be involved in coupled pre-mRNA splicing and polyadenylation process. May bind preferentially to the 5'-UGCAC-3' motif on RNAs (By similarity).[UniProtKB/Swiss-Prot Function]