

Recombinant Mouse Snrpa Protein, Myc/DDK-tagged

Cat. No. Snrpa-6004M **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Purified recombinant protein of mouse full-length small nuclear ribonucleoprotein polypeptide A (Snrpa), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | 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. |
| Molecular Mass | 31.8 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 [Snrpa small nuclear ribonucleoprotein polypeptide A \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Snrpa](#)

Synonyms SNRPA; small nuclear ribonucleoprotein polypeptide A; U1 small nuclear ribonucleoprotein A; U1-A; U1 snRNP A; U1 snRNP protein A; protein A of the U1 small nuclear RNA; U1A; Rnu1a1; Rnu1a-1; C430021M15Rik

Gene ID [53607](#)

mRNA Refseq [NM_015782](#)

Protein Refseq [NP_056597](#)

UniProt ID [Q62189](#)

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