

Recombinant Mouse Snrpa Protein, His-tagged

Cat. No. Snrpa-2088M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Snrpa Protein (Ala93-Lys287) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala93-Lys287
Description	Predicted to enable U1 snRNA binding activity; U1 snRNP binding activity; and identical protein binding activity. Predicted to be involved in mRNA splicing, via spliceosome and regulation of mRNA polyadenylation. Predicted to act upstream of or within RNA splicing and mRNA processing. Predicted to be located in nucleoplasm. Predicted to be part of U1 snRNP and spliceosomal complex. Is expressed in central nervous system and sensory organ. Human ortholog(s) of this gene implicated in connective tissue disease. Orthologous to human SNRPA (small nuclear ribonucleoprotein polypeptide A).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.9 kDa Accurate Molecular Mass: 27 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

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_001046637
Protein Refseq	NP_001040102
UniProt ID	Q62189

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