

Recombinant Mouse Snrpn Protein, Myc/DDK-tagged

Cat. No. Snrpn-6010M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length small nuclear ribonucleoprotein N (Snrpn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This locus represents a paternally-expressed imprinted gene that encodes a component of the small nuclear ribonucleoprotein complex, which functions in pre-mRNA processing. Genomic and genetic changes in this region result in growth defects and lethality; the corresponding region in human is the critical region for Prader-Willi Syndrome. Alternative promoter use and alternative splicing result in a multitude of transcript variants encoding the same protein. Transcript variants may be bicistronic and also encode the SNRPN upstream reading frame protein (Snurf) from an upstream open reading frame. In addition, long spliced transcripts for small nucleolar RNA host gene 14 (Snhg14) may originate from the promoters at this locus and incorporate exons shared with this gene.
Molecular Mass	24.6 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.

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Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Snrpn small nuclear ribonucleoprotein N [Mus musculus (house mouse)]
Official Symbol	Snrpn
Synonyms	Snrpn; small nuclear ribonucleoprotein N; Peg; Pwc; SMN; Peg4; sm-D; HCERN3; snRNP-N; 2410045I01Rik; small nuclear ribonucleoprotein-associated protein N; sm protein D; sm protein N; tissue-specific-splicing protein
Gene ID	20646
mRNA Refseq	NM_001082962
Protein Refseq	NP_001076431
UniProt ID	P63163

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