

## 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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<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Snrpn small nuclear ribonucleoprotein N [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Snrpn</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">20646</a>
<b>mRNA Refseq</b>	<a href="#">NM_001082962</a>
<b>Protein Refseq</b>	<a href="#">NP_001076431</a>
<b>UniProt ID</b>	<a href="#">P63163</a>

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