

Recombinant Mouse Snrpd2 Protein, MYC/DDK-tagged

Cat. No. Snrpd2-340M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse small nuclear ribonucleoprotein D2 (Snrpd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays role in pre-mRNA splicing as core component of the SMN-Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes. Is also a component of the minor U12 spliceosome.
Molecular Mass	13.5 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 ug/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 Snrpd2 small nuclear ribonucleoprotein D2 [Mus musculus (house mouse)]

Official Symbol Snrpd2

Synonyms Snrpd2; small nuclear ribonucleoprotein D2; SMD2; 1810009A06Rik; small nuclear ribonucleoprotein Sm D2; sm-D2; snRNP core protein D2

Gene ID 107686

mRNA Refseq NM_026943

Protein Refseq NP_081219

UniProt ID P62317

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