

Recombinant Mouse Snrpc Protein, Myc/DDK-tagged

Cat. No. Snrpc-6006M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length U1 small nuclear ribonucleoprotein C (Snrpc), 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. SNRPC/U1-C is directly involved in initial 5' splice-site recognition for both constitutive and regulated alternative splicing. The interaction with the 5' splice-site seems to precede base-pairing between the pre-mRNA and the U1 snRNA. Stimulates commitment or early (E) complex formation by stabilizing the base pairing of the 5' end of the U1 snRNA and the 5' splice-site region.
Molecular Mass	17.4 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 Snrpc U1 small nuclear ribonucleoprotein C [Mus musculus (house mouse)]

Official Symbol Snrpc

Synonyms SNRPC; U1 small nuclear ribonucleoprotein C; U1 snRNP C; U1 snRNP protein C; U1 small nuclear ribonucleoprotein 1C; U1C; U1-C; Snrp1c

Gene ID 20630

mRNA Refseq NM_011432

Protein Refseq NP_035562

UniProt ID Q62241

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