

Recombinant Mouse Snrpg Protein, Myc/DDK-tagged

Cat. No. Snrpg-6009M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length small nuclear ribonucleoprotein polypeptide G (Snrpg), 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. As part of the U7 snRNP it is involved in histone 3'-end processing.
Molecular Mass	8.9 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 Snrpg small nuclear ribonucleoprotein polypeptide G [Mus musculus (house mouse)]

Official Symbol Snrpg

Synonyms SNRPG; small nuclear ribonucleoprotein polypeptide G; small nuclear ribonucleoprotein G; sm protein G; SMG; sm-G; snRNP-G; AL022803; 2810024K17Rik

Gene ID 68011

mRNA Refseq NM_026506

Protein Refseq NP_080782

UniProt ID P62309

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