

Recombinant Full Length Human SNRPA Protein, C-Flag-tagged

Cat. No. SNRPA-684HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SNRPA Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene associates with stem loop II of the U1 small nuclear ribonucleoprotein, which binds the 5' splice site of precursor mRNAs and is required for splicing. The encoded protein autoregulates itself by polyadenylation inhibition of its own pre-mRNA via dimerization and has been implicated in the coupling of splicing and polyadenylation.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.1 kDa
AA Sequence	MAVPETRPNHTIYINNLNNEKIKKDELKKSLEYAIFSQFGQILDILVSRSLKMRGQAFVIFK EVSSATNALR SMQGFPPFYDKPMRIQYAKTDSIIAKMKGTFVERDRKREKRKPKSQ ETPATKKAVQGGGATPVVGAVQGP VPGMPPMTQAPRIMHHMPGQPPYMPPPGMI PPPGLAPGQIPPGAMPPQQLMPGQMPPAQPLSENPPNHIL FLTNLPEETNELMLSM LFNQFPGFKEVRLVPGRHDIAFVEFDNEVQAGAARDALQGFKITQNNAMKISFA KKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Stem cell - Pluripotency
Protein Pathways	Spliceosome
Full Length	Full L.

GENE INFORMATION

Gene Name	SNRPA small nuclear ribonucleoprotein polypeptide A [Homo sapiens (human)]
Official Symbol	SNRPA
Synonyms	U1A; Mud1; U1-A
Gene ID	6626
mRNA Refseq	NM_004596.5
Protein Refseq	NP_004587.1

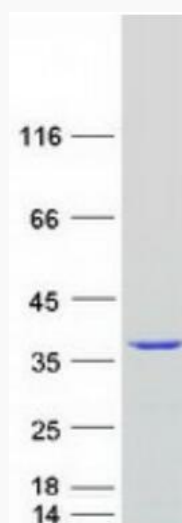
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MIM 182285

UniProt ID P09012



Coomassie blue staining of purified SNRPA protein.

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