

Recombinant Human SNRPA protein, His-tagged

Cat. No. SNRPA-493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNRPA(8-278 aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	8-278 a.a.
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.
AA Sequence	PNHTIYINNL NEKIKKDELK KSLYAIFSQF GQILDILVSR SLKMRGQAFV IFKEVSSATN ALRSMQGFPF YDKPMRIQYA KTDSDIIAKM KGTFVERDRK REKRKPKSQE TPATKKAVQG GGATPVVGAV QGPVPGMPPM TQAPRIMHHM PGQPPYMPPP GMIPPPGLAP GQIPPGAMPP QQLMPGQMPP AQPLSENPPN HILFLTNLPE ETNELMLSML FNQFPGFKEV RLVPGRHDA FVEFDNEVQA GAARD
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	SNRPA small nuclear ribonucleoprotein polypeptide A [Homo sapiens]
Official Symbol	SNRPA
Synonyms	SNRPA; small nuclear ribonucleoprotein polypeptide A; U1 small nuclear ribonucleoprotein A; Mud1; U1 A; U1A; U1 snRNP A; U1 snRNP-specific protein A; U1 small nuclear RNP-specific A; U1-A;
Gene ID	6626
mRNA Refseq	NM_004596
Protein Refseq	NP_004587
MIM	182285
UniProt ID	P09012
Chromosome Location	19q13.1
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U1-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;
Function	RNA binding; nucleotide binding; protein binding; snRNA binding;

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