

Recombinant Human SNRPA1, His-tagged

Cat. No. SNRPA1-29599TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SNRPA1 with N terminal His tag; 275 amino acids with tag, Predicted MWt 30.5 kDa.
Species	Human
Source	E.coli
ProteinLength	255 amino acids
Description	SNRPA1, also known as U2 small nuclear ribonucleoprotein A, is a component of the U2 snRNP that forms a complex with U2 snRNP B (U2B). Together, U2 snRNP A and U2 snRNP B form a complex that binds to the U2 snRNA hairpin IV.
Conjugation	HIS
Molecular Weight	30.500kDa inclusive of tags
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 30% Glycerol, 1.17% Sodium chloride, 0.03% DTT, 0.002% PMSF
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid

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repeated freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHHSSGLVPRGSHMVKLTAELIEQAAQYTN AVR DRELDLRGYKIPVIEN
 LGATLDQFDAIDFSDNEIRKLDGF PLLRRLKTLLVNNNRICRIGEGLDQALPCLTELIL
 TNNSL VELGDLDPASLKSILTYLSILRNPVTNKKHYRLYVIYKVP QVRVLDFQKVKLK
 ERQEAEKMFKGKRGQAQLAKDIARRSKT FNPAGLPTDKKKGGPSPGDVEAIKNAIA
 NASTLAEVERL KGLLQSGQIPGRERRSGPTDDGEEEMEEDTVTNGS

Sequence Similarities

Belongs to the U2 small nuclear ribonucleoprotein A family. Contains 4 LRR (leucine-rich) repeats. Contains 1 LRRCT domain.

GENE INFORMATION

Gene Name [SNRPA1 small nuclear ribonucleoprotein polypeptide A \[Homo sapiens \]](#)

Official Symbol [SNRPA1](#)

Synonyms SNRPA1; small nuclear ribonucleoprotein polypeptide A; U2 small nuclear ribonucleoprotein A; Lea1;

Gene ID [6627](#)

mRNA Refseq [NM_003090](#)

Protein Refseq [NP_003081](#)

MIM [603521](#)

Uniprot ID [P09661](#)

Chromosome 15q26.3

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Location	
Pathway	Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem;
Function	RNA binding; protein binding;

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