

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

MGSSHHHHHHSSGLVPRGSHMVKLTAEIEQAAQYTN AVR DRELDLRGYKIPVIEN
 LGATLDQFD AIDFSDNEIRKLDGF PLLRRLK TLLVNNNRICRIGEGLDQALPCLTELIL
 TNNSL VELGDL DPLASLKS LTYLSILRNPVTNKKHYRLYVIYKVP QVRVLD FQKVKLK
 ERQEA EKMFKGK RGAQLAKDIARRSKT FNPGAGLPTDKKKGGPSPGDVEAIKNAIA
 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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