

## 32-4896: Recombinant Human Small Nuclear Ribonucleoprotein Polypeptide A

**Alternative Name :** U2 small nuclear ribonucleoprotein A',U2 snRNP A',SNRPA1,Lea1.

### Description

Source : Escherichia Coli. SNRPA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 275 amino acids (1-255 a.a.) and having a molecular mass of 30.5kDa. SNRPA1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. U2 small nuclear ribonucleoprotein A (SNRPA1), a 255 amino acid protein, is a component of the U2 snRNP which forms a complex with U2 snRNP B (U2B). U2 snRNP A and U2 snRNP B form together a complex which binds to the U2 snRNA hairpin IV. The configuration of the U2 snRNP A/U2 snRNP B dimer and the delicate variations of a few key residues regulate the snRNP-RNA-binding specificity.

### Product Info

<b>Amount :</b>	5 µg
<b>Purification :</b>	Greater than 80% as determined by SDS-PAGE.
<b>Content :</b>	SNRPA1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl,2mM DTT and 0.1mM PMSF.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MVKLTAEIE QAAQYTNAVR DRELDLRGYK IPVIENLGAT LDQFDAIDFS DNEIRKLDGF PLLRRLKTL VNNNRICRIG EGLDQALPCL TELILTNNSL VELGDLPLA SLKSLTYLSI LRNPVTNKKH YRLYVIYKVP QVRVLDQKQV KLKERQEAEK MFKGKRGAL AKDIARRSKT FNPAGLPTD KKKGGPSPGD VEAIKNAIAN ASTLAEVERL KGLLQSGQIP GRERRSGPTD DGEEMEEDT VTNGS.

