

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

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| Amount : | 5 µg |
| Purification : | Greater than 80% as determined by SDS-PAGE. |
| Content : | SNRPA1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl,2mM DTT and 0.1mM PMSF. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MVKLTAEIE QAAQYTN AVR DRELDLRGYK IPVIENLGAT LDQFDAIDFS DNEIRKLDGF PLLRRLKTL VNNNRICRIG EGLDQALPCL TELILTNNSL VELGDLPLA SLKSLTYLSI LRNPVTNKKH YRLYVIYKVP QVRVLD FQKV KLKERQEA EK MFKGKRG AQL AKDIARRSKT FNP GAGLPTD KKKGGPSPGD VEAIKNAIAN ASTLAEVERL KGLLQSGQIP GRERRSGPTD DGEEEMEEDT VTNGS. |