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32-4895: Recombinant Human Small Nuclear Ribonucleoprotein Polypeptide A

Alternative Name : U1 small nuclear ribonucleoprotein A,U1 snRNP A,U1-A,U1A,SNRPA,Mud1.

Description

Source : Sf9 insect cells. SNRPA Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 32,102 Dalton. SNRPA is expressed with a -6x His tag at N-terminus and purified by proprietary chromatographic techniques. SNRPA associates with stem loop II of the U1 small nuclear ribonucleoprotein, which binds the 5' splice site of precursor mRNAs and is essential for splicing. The SNRPA protein autoregulates itself by polyadenylation inhibition of its own pre-mRNA via dimerization and is involved in the coupling of splicing and polyadenylation. SNRPA binds stem loop II of U1 snRNA. SNRPA is the first snRNP to interact with pre-mRNA. This interaction is vital for the subsequent binding of U2 snRNP and the U4/U6/U5 tri-snRNP.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	SNRPA is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.
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. Avoid multiple freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.