

Small Nuclear Ribonucleoprotein Polypeptide A Human Recombinant

Item Number	rAP-4820
Synonyms	U2 small nuclear ribonucleoprotein A', U2 snRNP A', SNRPA1, Lea1.
Description	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.
Uniprot Accession Number	P09661
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MVKLTAELIE QAAQYTN AVR DRELDLRGYK IPVIENLGAT LDQFDAIDFS DNEIRKLDGF PLLRRLKTL VNNNRICRIG EGLDQALPCL TELILTNNSL VELGDL DPLA SLKSLTYLSI LRNPVTNKKH YRLYVIYKVP QVRVLD FQKV KLKERQEA EK MFKGKRG AQL AKDIARRSKT FNPGAGLPTD KKKGGPSPGD VEAIKNAIAN ASTLAEVERL KGLLQSGQIP GRERRSGPTD DGEEMEEDT VTNGS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	SNRPA1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl, 2mM DTT and 0.1mM PMSF. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**