

Small Nuclear Ribonucleoprotein 70kDa Human Recombinant

Item Number	rAP-4829
Synonyms	U1 small nuclear ribonucleoprotein 70 kDa, U1 snRNP 70 kDa, snRNP70, U1-70K, SNRNP70, RNPU1Z, RPU1, SNRP70, U1AP1, U1AP, U170K, U1RNP.
Description	Recombinant Human U1-snRNP 68kDa cDNA codes for the 70kDa isoform of the human U1-snRNP 68 protein (lacking 66 internal amino acids outside the known epitope-containing areas) fused to a hexahistidine purification tag. The Calculated molecular weight is 44.8 kDa (U1-snRNP 68 displays aberrant electro-
Uniprot Accession Number	P08621
Amino Acid Sequence	
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. Avoid multiple freeze-thaw cycles.
Formulation and Purity	U1-snRNP is supplied in 20mM HEPES buffer pH-7.5, 0.01mM EDTA and 0.02% SDS. Greater than 90% as determined by SDS-PAGE.
Application	Western-Blot with monoclonal anti-hexa-His-tag antibody & MCTD sera (Mixed Connective Tissue Disease).
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**