Recombinant Human SNRNP70 protein

Cat. No. SNRNP70-227H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNRNP70 was expressed in E. coli.
Species	Human
Source	E.coli
Form	U1-snRNP is supplied in 20mM HEPES buffer pH-7.5, 0.01mM EDTA and 0.02% SDS.
Molecular Mass	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 electrophoretic mobility leading to an apparent discrepancy between calculated molecular weight and the 55-56 kDa molecular weight determined for this internally shortened molecule by SDS gel electrophoresis).
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	Western-Blot with monoclonal anti-hexa-His-tag antibody & MCTD sera (Mixed Connective Tissue Disease).
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade for longer periods of time. Avoid multiple freeze-thaw cycles.

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GENE INFORMATION

Gene Name	SNRNP70 small nuclear ribonucleoprotein 70kDa (U1) [Homo sapiens]
Official Symbol	SNRNP70
Synonyms	SNRNP70; small nuclear ribonucleoprotein 70kDa (U1); RNPU1Z, RPU1, small nuclear ribonucleoprotein 70kDa (RNP antigen) , SNRP70; U1 small nuclear ribonucleoprotein 70 kDa; Snp1; U1 70K; U1 snRNP 70 kDa; RPU1; U1AP; U170K; U1RNP; RNPU1Z; SNRP70; U1-70K;
Gene ID	6625
mRNA Refseq	NM_003089
Protein Refseq	NP_003080
MIM	180740
UniProt ID	P08621

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