

Recombinant Full Length Human small nuclear ribonucleoprotein 70kDa (U1) Protein, His&Avi-tagged

Cat. No. SNRNP70-2059H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SNRNP70 Protein with His&Avi-tag was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Full Length
Description	Enables U1 snRNA binding activity. Involved in mRNA splicing, via spliceosome and regulation of RNA splicing. Located in nucleoplasm. Part of U1 snRNP and spliceosomal complex. Implicated in disease of mental health and systemic lupus erythematosus. Biomarker of Alzheimer's disease.
Tag	His&Avi
Molecular Mass	18 kDa
AA Sequence	MTQFLPPNLLALFAPRDPIPYLPPLEKLPHEKHHNQPYCGIAPYIREFEDPRDAPPPT RAETREERMERKRREKIERRQQEVETELKMWDPHNDPNAQGDAFKTLFVARVNYD TTESKLRREFEVYGPICKRIHVMVYSKRSKGKPRGYAFIEYEHERDMHSAYKHADGKKID GRRVLVDVERGRTVKGWRPRLGGGLGGTRRGADVNIHSGRDDTSRYDERPG PSPLPHRDRDRDRERERRERSRERDKERERRRSRSDRRRRSRSDKEERRRSR ERSKDKDRDRKRSSRSRERARRERERKEELRGGGGDMAEPSEAGDAPPDDGPP

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GELGPDGPDGPPEEKGRDRDRERRRRSHRSERERRRRDRDRDRDRDREHKRGERGS
ERGRDEARGGGGGQDNGLEGLGNDSDMYMESEGGDGYLAPENGYLMEAAPEH
HHHHHHHGLNDIFEAQKIEWHE

Endotoxin < 1 EU/μg by LAL.

Purity > 80 % by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.03 mg/mL by BCA

GENE INFORMATION

Gene Name [SNRNP70 small nuclear ribonucleoprotein 70kDa \(U1\) \[Homo sapiens \(human\)\]](#)

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](#)

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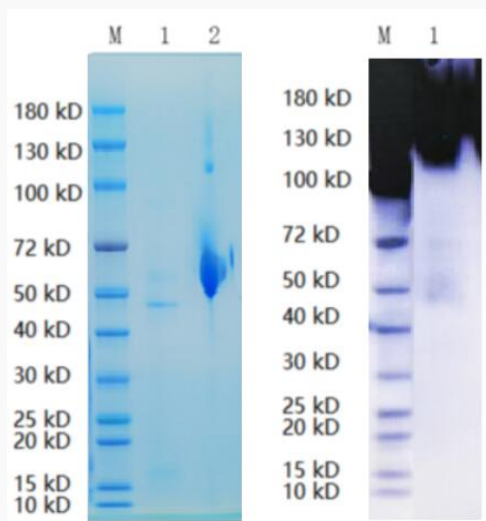
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UniProt ID

P08621

Reducing 4 %-20 %
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
SNRNP70.



1. SNRNP70

2. BSA

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