

Recombinant Full Length Human SNRNP70 Protein, C-Flag-tagged

Cat. No. SNRNP70-1189HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SNRNP70 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.4 kDa
AA Sequence	<p>MTQFLPPNLLALFAPRDPIPYLPPLEKLPHEKHHNQPYCGIAPYIREFEDPRDAPPPT</p> <p>RAETREERMERK RREKIERRQVEVETELKMWDPHNDPNAQGDAFKTLFVARVNY</p> <p>DTTESKLRREFEVYGPICKRIHVMYSKRS GKPRGYAFIEYEHEDMHSAYKHADGKKI</p> <p>DGRRVLVDVERGRTVKGWRPRRLGGGLGGTRRGADVNIH SGRDDTSRYDER</p> <p>PGPSPLPHRDRDRDRERERRERSRERDKERERRRSRSDRRRRRSRSDKEERRR</p> <p>SRER SKDKDRDRKRRSSRSRERARRERERKEELRGGGGDMAEPSEAGDAPPDD</p> <p>GPPGELGPDGPDGPEEKGRDR DRERRRSHRSERERRRDRDRDRDRDRDREHKRGE</p> <p>RGSERGRDEARGGGGGQDNGLEGLGNDSDRDMYMESEGG</p>

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	DGYLAPENGYLMEAAPETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Spliceosome
Full Length	Full L.

GENE INFORMATION

Gene Name	SNRNP70 small nuclear ribonucleoprotein U1 subunit 70 [Homo sapiens (human)]
Official Symbol	SNRNP70
Synonyms	RPU1; Snp1; U1AP; U170K; U1RNP; RNPU1Z; SNRP70; U1-70K
Gene ID	6625
mRNA Refseq	NM_003089.6

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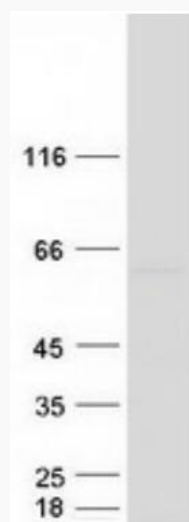
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Protein Refseq NP_003080.2

MIM 180740

UniProt ID P08621



Coomassie blue staining of purified SNRNP70 protein.

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