

Recombinant Human SNRNP70 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNRNP70-1036H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNRNP70 MS Standard C13 and N15-labeled recombinant protein (NP_003080) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. SNRNP70 binds to the loop I region of U1-snRNA. The truncated isoforms cannot bind U1-snRNA.
Molecular Mass	51.6 kDa
AA Sequence	MTQFLPPNLLALFAPRDPIPYLPPLEKLPHEKHHNQPYCGIAPYIREFEDPRDAPPPT RAETREERMERKKRREKIERRQQEVETELKMWDPHNDPNAQGDAFKTLFVARVNYD TTESKLRREFEVYGPICKRIHMOVSKRSGKPRGYAFIEYEHERDMHSAYKHADGKKID GRRVLVDVERGRTVKGWRPRLGGGLGGTRRGADVNIHSGRDDTSRYDERPG PSPLPHRDRDRDRERERRERSRERDKERERRRSRSRDRRRRSRSRDKEERRRSR ERSKDKDRDRKRRSSRSRERARRERERKEELRGGGGDMAEPSEAGDAPPDDGPP GELGPDGPDGPPEEKGRDRDRERRRRSHRSERERRRDRDRDRDRDRDREHKRGERGS ERGRDEARGGGGGQDNGLEGLGNDSDRDMYMESEGGDGYLAPENGYLMEAAPET RTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

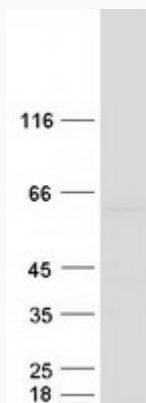
GENE INFORMATION

Gene Name	SNRNP70 small nuclear ribonucleoprotein U1 subunit 70 [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
UniProt ID	P08621

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SDS-PAGE

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