

Product datasheet for PH301818

U1A (SNRPA) (NM_004596) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNRPA MS Standard C13 and N15-labeled recombinant protein (NP_004587)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201818
Predicted MW:	31.3 kDa
Protein Sequence:	>RC201818 protein sequence Red=Cloning site Green=Tags(s) MAVPETRPNHTIYINNLNEKIKKDELKKSLEYAIFSQFGQILDILVSRSLKMRGQAFVIFKEVSSATNALR SMQGFPPFYDKPMRIQYAKTDSDI IAKMKGTFVERDRKREKRKPKSQETPATKKAVQGGGATPVVGA VQGP VPGMPPMTQAPRIMHHMPGQPPYMPGMI PPPGLAPGQIPPGAMPPQQLMPGQMPPAQLSENPPNHIL FLTNLPEETNELMLSMLFNQFPGFKEVRLVPGRHDIAFVEFDNEVQAGAARDALQGFKITQNNAMKISFA KK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004587
RefSeq Size:	1646
RefSeq ORF:	846
Synonyms:	Mud1; U1-A; U1A
Locus ID:	6626



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UniProt ID: [P09012](#)

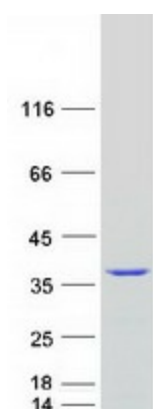
Cytogenetics: 19q13.2

Summary: The protein encoded by this gene associates with stem loop II of the U1 small nuclear ribonucleoprotein, which binds the 5' splice site of precursor mRNAs and is required for splicing. The encoded protein autoregulates itself by polyadenylation inhibition of its own pre-mRNA via dimerization and has been implicated in the coupling of splicing and polyadenylation. [provided by RefSeq, Oct 2010]

Protein Families: Stem cell - Pluripotency

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified SNRPA protein (Cat# [TP301818]). The protein was produced from HEK293T cells transfected with SNRPA cDNA clone (Cat# [RC201818]) using MegaTran 2.0 (Cat# [TT210002]).