

Product datasheet for PH321735

NHP2L1 (SNU13) (NM_001003796) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NHP2L1 MS Standard C13 and N15-labeled recombinant protein (NP_001003796)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221735
Predicted MW:	14.2 kDa
Protein Sequence:	>RC221735 protein sequence Red=Cloning site Green=Tags(s) MTEADVNPkAYPLADAHLTKKLLDLVQQSCNYKQLRKGANEATKTLNRGISEFIVMAADAEPLEIILHLP LLCEDKNVPYVfVRSKQALGRACGVSrPVIACSVTIKEGSQLKQqIQSIQQSIERLLV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_001003796
RefSeq Size:	1520
RefSeq ORF:	384
Synonyms:	15.5K; FA-1; FA1; NHP2L1; NHPX; OTK27; SNRNP15-5; SPAG12; SSFA1
Locus ID:	4809
UniProt ID:	P55769 , Q6FHM6
Cytogenetics:	22q13.2

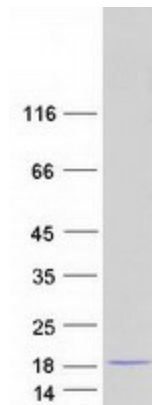


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Summary: Originally named because of its sequence similarity to the *Saccharomyces cerevisiae* NHP2 (non-histone protein 2), this protein appears to be a highly conserved nuclear protein that is a component of the [U4/U6.U5] tri-snRNP. It binds to the 5' stem-loop of U4 snRNA. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified SNU13 protein (Cat# [TP321735]). The protein was produced from HEK293T cells transfected with SNU13 cDNA clone (Cat# [RC221735]) using MegaTran 2.0 (Cat# [TT210002]).