

## Product datasheet for PH301173

### SNURPORTIN1 (SNUPN) (NM\_001042588) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SNUPN MS Standard C13 and N15-labeled recombinant protein (NP_001036053)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201173
Predicted MW:	41.1 kDa
Protein Sequence:	>RC201173 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)

MEELSQUALASSFSVSQDLNSTAAPHRLSQYKSKYSSLEQSERRRRLLELQKSKRLDYVNHARRLAEDDW  
 TGMESSEENKKDDEEMDIDTVKKLPKHYANQLMLSEWLIDVPSDLGQEWIVVCPVGKRALIVASRGSTS  
 AYTKSGYCVNRFSSLLPGGNRRNSTAKDYTILDCIYNEVNQTYVLDVMCWRGHPFYDCQTDFFRYWMHS  
 KLPEEEGLGEKTKLNPFKFVGLKNFPCTPESLCDVL SMDFPFEVDGLLFYHKQTHYSPGSTPLVGWLRPY  
 MVSDVLGVAVPAGPLTTKPDYAGHQLQQIMEHKKSQKEGMKEKLTHKASENGHYELEHLSTPKLKGSSHS  
 PDHPGCLMEN

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u>NP_001036053</u>
RefSeq Size:	1503
RefSeq ORF:	1080
Synonyms:	KPNBL; RNUT1; Snurportin1
Locus ID:	10073


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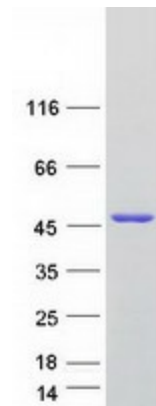
UniProt ID: [O95149](#)

Cytogenetics: 15q24.2

**Summary:** The nuclear import of the spliceosomal snRNPs U1, U2, U4 and U5, is dependent on the presence of a complex nuclear localization signal. The latter is composed of the 5'-2,2,7-terminal trimethylguanosine (m3G) cap structure of the U snRNA and the Sm core domain. The protein encoded by this gene interacts specifically with m3G-cap and functions as an snRNP-specific nuclear import receptor. Alternatively spliced transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified SNUPN protein (Cat# [TP301173]). The protein was produced from HEK293T cells transfected with SNUPN cDNA clone (Cat# [RC201173]) using MegaTran 2.0 (Cat# [TT210002]).