

Product datasheet for PH319363

SNURPORTIN1 (SNUPN) (NM_005701) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SNUPN MS Standard C13 and N15-labeled recombinant protein (NP_005692)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219363
Predicted MW:	41.1 kDa
Protein Sequence:	>RC219363 protein sequence Red =Cloning site Green =Tags(s)

MEELSQLASSFSVSQDLNSTAAPHRLSQYKSKYSSLEQSERRRRLLELQKSKRLDYVNHARRLAEDDW
 TGMSEEEENKKDDEEMDIDTVKKLPKHYANQLMLSEWLIDVPSDLGQEWIVVCPVGKRALIVASRGSTS
 AYTKSGYCVNRFSSLLPGGNRRNSTAKDYTILDCIYNEVNQTYYYLDMCWRGHPFYDCQTDFFRYWMHS
 KLPEEEGLGEKTKLNPFFVGLKNFPCTPESLCDVLSMDFPFEVDGLLFYHKQTHYSPGSTPLVGWLRPY
 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- 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:	<u>NP_005692</u>
RefSeq Size:	1803
RefSeq ORF:	1080
Synonyms:	KPNBL; RNUT1; Snurportin1
Locus ID:	10073


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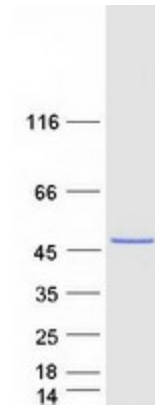
UniProt ID: O95149

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# [TP319363]). The protein was produced from HEK293T cells transfected with SNUPN cDNA clone (Cat# [RC219363]) using MegaTran 2.0 (Cat# [TT210002]).