9051 Mira Mesa Blvd, #910094
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SNUPN Human

Snurportin 1 Human Recombinant
RCP2180

Product Overview

Name	SNUPN Human
Description	
Snurportin 1 Human Recombinant	
Accession (Primary)	O95149
Synonyms	
KPNBL, RNUT1, Snurportin1, SPN1, RNA U transporter 1.	
Introduction	
SNUPN is a nuclear import adaptor protein which is part of the Snurportin family. SNUPN is Localized to the cytoplasm and nucleus and contains an N-terminal IBB domain and a trimethylguanosine (m3G)-cap binding domain. SNUPN binds specifically the terminal 2,2,7-m3G-cap at the 5'' end of U snRNPs and is involved in transport of U snRNPs into the nucleus through an association with Importin β.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
SNUPN Human solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl, & 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MEELSQALAS SFSVSQDLNS TAAPHPRLSQ YKSKYSSLEQ SERRRRLLEL QKSKRLDYVN HARRLAEDDW TGMESEEENK KDDEEMDIDT VKKLPKHYAN QLMLSEWLID VPSDLGQEWI VVVCPVGKRA LIVASRGSTS AYTKSGYCVN RFSSLLPGGN RRNSTAKDYT ILDCIYNEVN QTYYVLDVMC WRGHPFYDCQ TDFRFYWMHS KLPEEEGLGE KTKLNPFKFV GLKNFPCTPE SLCDVLSMDF PFEVDGLLFY HKQTHYSPGS TPLVGWLRPY MVSDVLGVAV PAGPLTTKPD YAGHQLQQIM EHKKSQKEGM KEKLTHKASE	

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NGHYELEHLS TPKLKGSSHS PDHPGCLMEN.

Precautions

SNUPN Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O95149)