

AR09577PU-N

Human Snurportin-1 (SNUPN) (1-360, His-tag) - Purified

Alternate names:

KPNBL, RNA U transporter 1, RNUT1, SPN1, Snurportin1

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

SNUPN, also known as KPNBL or RNUT1, is a nuclear import adaptor protein belonging to the Snurportin family. Localizing to the cytoplasm and nucleus, Snurportin-1 contains an N-terminal IBB domain and a trimethylguanosine (m3G)-cap binding domain. It specifically binds the terminal 2,2,7-m3G-cap at the 5' end of U snRNPs and functions to transport U snRNPs into the nucleus via an association with Importin β .

Uniprot ID:

[O95149](#)

NCBI:

[NP_001036046](#)

GeneID:

[10073](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl

Description:

Recombinant human Snurportin-1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MEELSQUALS SFSVSQDLNS TAAPHRLSQ YKSKYSSLEQ
SERRRRLEL QSKRLDYVN HARRLAEDDW TGMESSEENK KDDEEMDIDT VKKLPHYAN
QLMLSEWLID VPSDLGQEWI VVCPVGKRA LIVASRGSTS AYTKSGYCVN RFSSLLPGGN
RRNSTAKDYT ILDCIYNEVN QTYVLDVMC WRGHPFYDCQ TDFRFYWMHS KLPEEEGLGE
KTKLNPFKEV GLKNFPCTPE SLCDVLSMDF PFEVDGLLFY HKQTHYSPGS TPLVGWLRPY
MVSDVLGVAV PAGPLTTKPD YAGHQLQQIM EHKKSQKEGM KEKLTHKASE NGHYELEHLS
TPKLKGSSHS PDHPGCLMEN

Molecular weight: 43.3 kDa (380aa) confirmed by MALDI-TOF

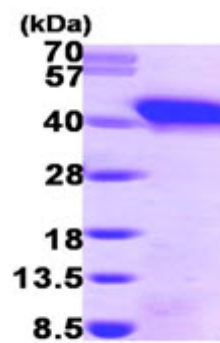
Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

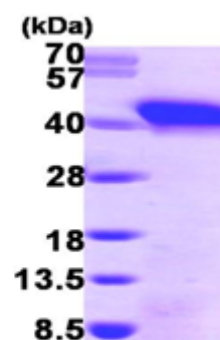
Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human SNUPN, 1-360 aa,
His-tagged



15% SDS-PAGE (3ug)