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SNUPN Human

Catalog #:PRPS-873

For research use only.

Description:SNUPN Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 380 amino acids (1-360 a.a.) and having a molecular mass of 43.3 kDa. The SNUPN is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Synonyms:KPNBL, RNUT1, Snurportin1, SPN1, RNA U transporter 1.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

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 KL

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
SNUPN Human solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl, & 10% glycerol.

Stability:
SNUPN Human althoμgh stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

Usage:
NeoBiolab's products are furnished forLABORATORY RESEARCHUSEONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

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 throμgh an association with Importin .

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