

## 32-4912: Recombinant Human Snurportin 1

**Alternative Name :** KPNBL,RNUT1,Snurportin1,SPN1,RNA U transporter 1.

### Description

Source : Escherichia Coli. 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. 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 Beta.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	SNUPN Human solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl, & 10% glycerol.
<b>Storage condition :</b>	SNUPN Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MEELSQUALS SFSVSQDLNS TAAPHRLSQ YSKYSSLEQ SERRRRLLEL QKSKRLDYVN HARRLAEDDW TGMSEEEENK KDDEEMDIDT VKKLPHYAN QLMLSEWLID VPSDLGQEWI VVVCVPGKRA LIVASRGSTS AYTKSGYCVN RFSSLLPGGN RRNSTAKDYT ILDCIYNEVN QTYYYLDVMC WRGHPFYDCQ TDFRFYWMHS KLPEEEGLGE KTKLNPFKFV GLKNFPCTPE SLCDVLSMDF PFEVDGLLFY HKQTHYSPGS TPLVGWLRPY MVSDVLGVAV PAGPLTTKPD YAGHQLQQIM EHKKSQKEGM KEKLTHKASE NGHYLEHLS TPKLKGSSHS PDHPGCLMEN.

