Recombinant Human Snurportin-1 (SNUPN)

Product Code	CSB-EP022350HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95149
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	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 NGHYELEHLS TPKLKGSSHS PDHPGCLMEN
Source	E.coli
Target Names	SNUPN
Protein Names	Recommended name: Snurportin-1 Alternative name(s): RNA U transporter 1
Expression Region	1-360
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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. This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.