



# Recombinant Rat Snurportin-1 (Snupn)

<b>Product Code</b>	CSB-YP727870RA
<b>Abbreviation</b>	Snupn
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q68FP5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEELSQLAS SFSVSQELNS TAAPHRLSQ YKSKYSSLEQ SERRRQLEL QKSKRLDYVN HARRLAEDDW TGMESGEEEEK KKDEEEMDLD PVKKLPKRYA NQLMLSEWLI DVPSDLGQEW IVVVCPVGKR ALIVASRGST SAYTKSGYCV NRFSSLLPGG NRRNSTTAKD YTILDCIYSE VNQTYVLDV MCWRGHPFYD CQTDGRFYWM NSKLPEEEGL GEKTKINPFK FVGLKNFPCT PESLCKVLMS DFPFVDGLL FYHKQTHYSP GSTPLVGWLR PYMVSDILGV AVPAGPLTTK PEYAGHQLQQ IIEHKRSQED TKEKLTHKAS ENGHYELEHL STPKLRSPPH SSESLMDS
<b>Source</b>	Yeast
<b>Target Names</b>	Snupn
<b>Protein Names</b>	Recommended name: Snurportin-1 Alternative name(s): RNA U transporter 1
<b>Expression Region</b>	1-358
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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

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