Recombinant Human RNA-binding protein with serine-rich domain 1 (RNPS1)

Product Code	CSB-BP621869HU
Abbreviation	RNPS1
Storage	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.
Uniprot No.	Q15287
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDLSGVKKKS LLGVKENNKK SSTRAPSPTK RKDRSDEKSK DRSKDKGATK ESSEKDRGRD KTRKRRSASS GSSSTRSRSS STSSSGSSTS TGSSSGSSSS SASSRSGSSS TSRSSSSSSS SGSPSPSRRR HDNRRRSRSK SKPPKRDEKE RKRRSPSPKP TKVHIGRLTR NVTKDHIMEI FSTYGKIKMI DMPVERMHPH LSKGYAYVEF ENPDEAEKAL KHMDGGQIDG QEITATAVLA PWPRPPPRRF SPPRRMLPPP PMWRRSPPRM RRRSRSPRRR SPVRRRSRSP GRRRHRSRSS SNSSR
Source	Baculovirus
Target Names	RNPS1
Protein Names	Recommended name: RNA-binding protein with serine-rich domain 1 Alternative name(s): SR-related protein LDC2
Expression Region	1-305
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	This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. This protein contains many serine residues. Two splice variants have been found for this gene; both variants encode the same protein.
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.