



# Recombinant Human U4/U6 small nuclear ribonucleoprotein Prp3 (PRPF3)

<b>Product Code</b>	CSB-EP018763HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43395
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MALSKRELDE LKPWIEKTVK RVLGFSEPTV VTAALNCVGK GMDKKKAADH  LKPFLDDSTL RFVDKLFEAV EGRSSSRHSK SSSDRSRKRE LKEVFGDDSE  ISKESGVKK RRIPRFEEVE EEPEVIPGPP SESPGLTKL QIKQMMEAAT  RQIEERKKQL SFISPPTPQP KTPSSSQPER LPIGNTIQPS QAATFMNDAI  EKARKAAELQ ARIQAQLALK PGLIGNANMV GLANLHAMGI APPKVELKDQ  TKPTPLILDE QGRTVDATGK EIELTHRMPT LKANIRAVKR EQFKQQLKEK  PSEDMESNTF FDP RVSIAPS QRQRRTFKFH DKGKFEKIAQ RLRTKAQLEK  LQAEISQAAR KTG IHTSTRL ALIAPKKELK EGD IPEI EWW DSYIIPNGFD  LTEENPKRED YFGITNLVEH PAQLNPPVDN DTPVT LGVYL TKKEQKKLRR  QTRREAQKEL QEKVRLGLMP PPEPKVRISN LMRVLGTEAV QDPTKVEAHV  RAQMAKRQKA HEEANAARKL TAEQRKVKKI KKLKEDISQG VHISVYRVRN  LSNPAKKFKI EANAGQLYLT GVVVLHKDVN VVVVEGGPKA QKKFKRLMLH  RIKWDEQTSN TKGDDDEESD EEA VKKTNKC VLVWEGTAKD RSFGEMKFKQ  CPTENMAREH FKKHGAEHYW DLALSES VLE STD</p>
<b>Source</b>	E.coli
<b>Target Names</b>	PRPF3
<b>Protein Names</b>	Recommended name: U4/U6 small nuclear ribonucleoprotein Prp3 Alternative name(s): Pre-mRNA-splicing factor 3 Short name= hPrp3 U4/U6 snRNP 90 kDa protein
<b>Expression Region</b>	1-683
<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 removal of introns from nuclear pre-mRNAs occurs on complexes called spliceosomes, which are made up of 4 small nuclear ribonucleoprotein (snRNP) particles and an undefined number of transiently associated splicing factors. This gene product is one of several proteins that associate with U4 and U6 snRNPs. Mutations in this gene are associated with retinitis pigmentosa-18.
<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

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.