



Recombinant Human RNA-binding protein 40 (RNPC3)

Product Code	CSB-EP850387HU-B
Abbreviation	RNPC3
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.	Q96LT9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAPEQPLAI SRGCTSSSSL SPPRGDRTLL VRHLPALTA EEKEDLLKYF GAQSVRVLSD KGRLKHTAFA TFPNEKAAIK ALTRLHQLKL LGHTLVVEFA KEQDRVHSPC PTSGSEKKKR SDDPVEDDKE KKELGyltve NGIAPNHGLT FPLNSCLKYM YPPPSSTILA NIVNALASVP KFYVQVLHLM NKMNLPFPFG PITARPPMYE DYMPHAPLP PTSPQPPEEP PLPDEDEELS SEESEYESTD DEDQRMNKL MELANLQPKR PKTIKQRHVR KKRKIKDMLN TPLCPSHSSL HPVLLPSDVF DQPQPVGnkr IEFHISTDMP AAFKKDLEKE QNCEEKNHDL PATEVDASNI GFGKIFPKPN LDITEEIKED SDEMPSECIS RRELEKGRIS REEMETLSVF RSYEPGEPNC RIYVKNLAKH VQEKDLKYIF GRYVDFSSSET QRIMFDIRLM KEGRMKGQAF IGLPNEKAAA KALKEANGYV LFGKPMVVQF ARSARPKQDP KEGKRKC
Source	E.coli
Target Names	RNPC3
Protein Names	Recommended name: RNA-binding protein 40 Alternative name(s): RNA-binding motif protein 40 RNA-binding region-containing protein 3 U11/U12 small nuclear ribonucleoprotein 65 kDa protein Short name= U11/U12 snRNP 65 kDa protein S
Expression Region	1-517
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	Two types of spliceosomes catalyze splicing of pre-mRNAs. The major U2-type spliceosome is found in all eukaryotes and removes U2-type introns, which represent more than 99% of pre-mRNA introns. The minor U12-type spliceosome is found in some eukaryotes and removes U12-type introns, which are rare and have distinct splice consensus signals. The U12-type spliceosome



consists of several small nuclear RNAs and associated proteins. This gene encodes a 65K protein that is a component of the U12-type spliceosome. This protein contains two RNA recognition motifs (RRMs), suggesting that it may contact one of the small nuclear RNAs of the minor spliceosome.

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

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