



Recombinant Human Heterogeneous nuclear ribonucleoproteins C1/C2 (HNRNPC)

Product Code	CSB-EP010605HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P07910
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	ASNVTNKTD PRSMNSRVFI GNLNTLVVKK SDVEAIFSKY GKIVGCSVHK GFAFVQYVNE RNARAAVAGE DGRMIAGQVL DINLAAEPKV NRGKAGVKRS AAEMYGSVTE HPSPSPLLSS SFDLDYDFQR DYYDRMYSYP ARVPPPPPIA RAVVPSKRQR VSGNTSRRGK SGFNSKSGQR GSSKSGKLG DDLQAIKKEL TQIKQKVDSL LENLEKIEKE QSKQAVEMKN DKSEEEQSSS SVKKDETNVK MESEGGADDS AEEGDLLDDD DNEDRGDDQL ELIKDDEKEA EGEDDRDSA NGEDDS
Source	E.coli
Target Names	HNRNPC
Protein Names	Recommended name: Heterogeneous nuclear ribonucleoproteins C1/C2 Short name= hnRNP C1/C2
Expression Region	2-306
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 of Mature Protein
Target Details	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. This protein can act as a tetramer and is involved in the assembly of 40S hnRNP particles. Multiple transcript variants encoding at least two different isoforms have been described 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.