

Recombinant Human Heterogeneous Nuclear Ribonucleoprotein C, His-tagged

Cat. No. HNRNPC-5026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HNRNPC protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	HNRNPC, also known as hnRNP C1/C2, belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). 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.
Concentration	0.25 mg/ml
Form	Supplied as a liquid in 20mM Tris-HCl buffer, pH 8.0, containing 0.2M NaCl, 5mM DTT and 30% glycerol.
Purity	> 85% by SDS - PAGE
Sequence	1-293 amino acids: MGSSHHHHHH SSGLVPRGSH MASNVTNKTD PRSMNSRVFI GNLNTLVVKK SDVEAIFSKY GKIVGCSVHK GFAFVQYVNE RNARA AVAGE DGRMIAGQVL DINLAAEPKV NRGKAGVKRS AAEMYGSSFD LDYDFQRDYY

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DRMYSYPARV PPPPIARAV VPSKRQRVSG NTSRRGKSGF NSKSGQRGSS
KSGKLGDDL QAIKKELTQI KQK

Molecular Mass

34.5 kDa (313aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Applications

SDS-PAGE

Storage

Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or -70 deg C for long term storage. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name

[HNRNPC heterogeneous nuclear ribonucleoprotein C \(C1/C2\) \[Homo sapiens \]](#)

Official Symbol

HNRNPC

Synonyms

heterogeneous nuclear ribonucleoprotein C (C1/C2); C1; C2; HNRNP; HNRPC; SNRPC; MGC104306; MGC105117; MGC117353; MGC131677; HNRNPC; hnRNP C1/C2; nuclear ribonucleoprotein particle C1 protein; nuclear ribonucleoprotein particle C2 protein; hnRNP

Gene ID

[3183](#)

mRNA Refseq

[NM_001077442](#)

Protein Refseq

[NP_001070910](#)

MIM

[164020](#)

UniProt ID

07910

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Chromosome Location	14q11.2
Pathway	Spliceosome; Gene Expression; mRNA Processing
Function	RNA binding; identical protein binding; nucleotide binding; protein binding

PDB rendering
based on 1wf2.

