

Recombinant Human HNRNPC, His-tagged

Cat. No. HNRNPC-3481H **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	E.coli
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.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 30% glycerol
Molecular Weight	34.5 kDa (313aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
Purity	> 85% by SDS - PAGE
Concentration	0.25 mg/ml (determined by Bradford assay)
Sequences of amino	MGSSHHHHHH SSGLVPRGSH MASNVTNKTD PRSMNSRVFI GNLNTLVVKK

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acids

SDVEAIFSKY GKIVGCSVHK GFAFVQYVNE RNARA AVAGE DGRMIAGQVL
 DINLAAEPKV NRGKAGVKRS AAEMYGSSFD LDYDFQRDYY DRMYSYPARV
 PPPPIARAV VPSKRQRVSG NTSRRGKSGF NSKSGQRGSS KSGKLGDDL
 QAIKKELTQI KQKVDLLEN LEKIEKEQSK QAVEMKNDKS EEEQSSSSVK
 KDET NVKMES EGGADDS AEE GDLLDDDDNE DRGDDQLELI KDDEKEAEEG
 EDDRDSANGE DDS

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

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

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](#)

**Chromosome
Location**

14q11.2

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Pathway Spliceosome; Gene Expression; mRNA Processing

Function RNA binding; identical protein binding; nucleotide binding; protein binding

PDBrendering based
on 1wf2.



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