

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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.

