

## HNRNPC cDNA

Catalog Number: ATGD0035

### PRODUCT INFORMATION

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**Catalog number**

ATGD0035

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_004491.2

**Alternative Names**

C1, C2, HNRNP, HNRPC, SNRPC

**mRNA Refseq**

NM\_004500.3

**OMIM**

164020

**Chromosome location**

14q11.2

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

882bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

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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.

## DATA

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### Sequence nucleotides

```
ATGGCCAGCA ACGTTACCAA CAAGACAGAT CCTCGCTCCA TGAACTCCCG TGTATTCATT GGGAAATCTCA
ACACTCTTGT GGTCAAGAAA TCTGATGTGG AGGCAATCTT TTCGAAGTAT GGCAAATTG TGGGCTGCTC
TGTTCATAAG GGCTTTGCCT TCGTTCAGTA TGTTAATGAG AGAAATGCCG GGGCTGCTGT AGCAGGAGAG
GATGGCAGAA TGATTGCTGG CCAGGTTTTA GATATTAACC TGGCTGCAGA GCCAAAAGTG AACCGAGGAA
AAGCAGGTGT GAAACGATCT GCAGCGGAGA TGTACGGCTC CTCTTTTGAC TTGGACTATG ACTTTCAACG
GGACTATTAT GATAGGATGT ACAGTTACCC AGCACGTGTA CTCCTCCTC CTCCTATTGC TCGGGCTGTA
GTGCCCTCGA AACGTCAGCG TGTATCAGGA AACACTTCAC GAAGGGGCAA AAGTGGCTTC AATTCTAAGA
GTGGACAGCG GGGATCTTCC AAGTCTGGAA AGTTGAAAGG AGATGACCTT CAGGCCATTA AGAAGGAGCT
GACCCAGATA AAACAAAAG TGGATTCTCT CCTGGAAAAC CTGGAAAAAA TTGAAAAGGA ACAGAGCAAA
CAAGCAGTAG AGATGAAGAA TGATAAGTCA GAAGAGGAGC AGAGCAGCAG CTCCGTGAAG AAAGATGAGA
CTAATGTGAA GATGGAGTCT GAGGGGGGTG CAGATGACTC TGCTGAGGAG GGGGACCTAC TGGATGATGA
TGATAATGAA GATCGGGGGG ATGACCAGCT GGAGTTGATC AAGGATGATG AAAAAGAGGC TGAGGAAGGA
GAGGATGACA GAGACAGCGC CAATGGCGAG GATGACTCTT AA
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### Transaction Sequence

```
MASNVTKTD PRSMNSRVFI GNLNTLVVKK SDVEAIFSKY GKIVGCSVHK GFAFVQYVNE RNARA AVAGE DGRMIAGQVL
DINLAAEPKV NRGKAGVKRS AAEMYGSSFD LDYDFQRDYY DRMYSYPARV PPPPIARAV VPSKRQRVSG NTSRRGKSGF
NSKSGQRGSS KSGKLKGDDL QAIKKELTQI KQKVDLLEN LEKIEKEQSK QAVEMKNDKS EEEQSSSVK KDETNVKMES
EGGADDSAE EGDLLDDDDNE DRGDDQLELI KDDEKEAEEG EDDRDSANGE DDS
```