

HMGN5 cDNA

Catalog Number: ATGD0380

PRODUCT INFORMATION

Catalog number

ATGD0380

Product type

cDNA

Species

Human

NCBI Accession No.

NP_110390.1

Alternative Names

NBP-45, NSBP1

mRNA Refseq

NM_030763.2

OMIM

300385

Chromosome location

Xq13.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

849bp

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

HMGN5 cDNA

Catalog Number: ATGD0380

HMGN5 is a nuclear protein with similarities to the high mobility group proteins, HMG14 and HMG17, which suggests that this protein may function as a nucleosomal binding and transcriptional activating protein.

DATA

Sequence nucleotides

```
ATGCCCAAAAGAAAGGCTGCAGGTCAAGGTGATATGAGGCAGGAGCCAAAGAGAAGATCTGCCAGGTTGTCTGCTATGCTT
GTGCCAGTTACACCAGAGGTGAAGCCTAAAAGAACATCAAGTTCAAGGAAAAATGAAGACAAAAAGTGATATGATGGAAGAA
AACATAGATACAAGTGCCCAAGCAGTTGCTGAAACCAAGCAAGAAGCAGTTGTTGAAGAAGACTACAATGAAAATGCTAAAA
ATGGAGAAGCCAAAATTACAGAGGCACCAGCTTCTGAAAAAGAAATTGTGGAAGTAAAAGAAGAAAAATATTGAAGATGCCA
CAGAAAAGGGAGGAGAAAAGAAAAGAAGCAGTGGCAGCAGAAGTAAAAAATGAAGAAGAAGATCAGAAAAGAAGATGAAGAA
GATCAAAACGAAGAGAAAAGGGGAAGCTGAAAAAGAAGACAAAGATGAAAAAGGGGAAGAAGATGAAAAAGAGGATAAAAA
TGAAAATGAGAAAAGGAGAAGATGCAAAAGAGAAAAGAAGATGGAAAAAAGGTGAAGACGAAAAGGAAATGGAGAAGATG
GAAAAGAGAAAAGGAGAAGATGAAAAAGAGGAAGAAGACAGAAAAGAAACAGGAGATGAAAAAGAGAATGAAGATGGAAAA
GAGAAGGGAGATAAAAAAGAGGGGAAAGATGTAAAAGTCAAAGAAGATGAAAAAGAGAGAGAAGATGGAAAAGAAGATGA
AGGTGGAATGAGGAAGAAGCTGAAAAAGAGAAAAGAAGATTTAAAAGAAGAGGAAGAAGGAAAAGAGGAAGATGAGATCA
AAGAAGATGATGAAAAAAGAGGAGCCACAGAGTATTGTTAA
```

Transaction Sequence

```
MPKRKAAGQG DMRQEPKRRS ARLSAMLVPV TPEVKPKRTS SSRKMKTKSD MMEENIDTSAQAVAETKQEA VVEEDYNENA
KNGEAKITEA PASEKEIVEV KEENIEDATE KGGEKKEAVAAEVKNEEDQ KEDEEDQNEE KGEAGKEDKD EKGEEDGKED
KNGNEKGEDA KEKEDGKKGEDGKGNEDGK EKGEDKEEEE DRKETGDGKE NEDGKEKGDK KEGKDVKVKE
DEKEREDGKEDEGGNEEEAG KEKEDLKEEE EGKEEDEIKE DDGKKEEPQS IV
```