

HMGA2 cDNA

Catalog Number: ATGD0411

PRODUCT INFORMATION

Catalog number

ATGD0411

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003474.1

Alternative Names

BABL, HMGI-C, HMGIC, LIPO, STQTL9

mRNA Refseq

NM_003483.4

OMIM

600698

Chromosome location

12q15

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

330bp

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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HMGA2 is a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

DATA

Sequence nucleotides

```
ATGAGCGCACGCGGTGAGGGCGCGGGGCAGCCGTCCACTTCAGCCCAGGGACAACCTGCCGCCCCAGCGCCTCAGAAGA  
GAGGACGCGGCCCGCCCCAGGAAGCAGCAGCAAGAACCAACCGGTGAGCCCTCTCCTAAGAGACCCAGGGGAAGACCCAA  
AGGCAGCAAAAACAAGAGTCCCTCTAAAGCAGCTCAAAGAAAGCAGAAGCCACTGGAGAAAAACGGCCAAGAGGCAGAC  
CTAGGAAATGGCCACAACAAGTTGTTTCAGAAGAAGCCTGCTCAGGAGGAAACTGAAGAGACATCCTCACAAAGAGTCTGCCG  
AAGAGGACTAG
```

Transaction Sequence

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MSARGEGAGQ PSTSAQGQPA APAPQKRGRG RPRKQQEPT GEPSPKRPRG RPKGSKNKSP SKAAQKAEA TGEKRPRGRP  
RKWPQQVVQK KPAQEETEET SSQESAED
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