

## MEAF6 cDNA

Catalog Number: ATGD0353

### PRODUCT INFORMATION

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**Catalog number**

ATGD0353

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_001257804.1

**Alternative Names**

C1orf149, CENP-28, EAF6, NY-SAR-91

**mRNA Refseq**

NM\_001270875.1

**OMIM**

611001

**Chromosome location**

1p35.3-p33

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

576bp

**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**

## MEAF6 cDNA

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MEAF6 is a nuclear protein involved in transcriptional activation. It may form a component of several different histone acetyltransferase complexes. There is a pseudogene for this gene on chromosome 2. Alternative splicing results in multiple transcript variants.

### DATA

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#### Sequence nucleotides

```
ATGGCGATGCACAACAAGGCGGCCGCCGACAGATCCCGGACACCCGGCGGGAGCTGGCGGAGCTCGTGAAGCGGAAGC
AGGAGCTGGCGGAAACATTGGCAAATTTGGAGCGACAGATCTATGCTTTTGGAGGAAGCTACCTGGAAGACACTCAGATGT
ATGGCAATATTATTCGTGGCTGGGATCGGTATCTGACCAACCAAAAAAATCCAATAGCAAAAATGATCGAAGGAACCGGAA
GTTTAAGGAAGCTGAGCGGCTCTTCAGTAAATCCTCGGTTACCTCAGCAGCTGCAGTAAGTGCATTGGCAGGAGTTCAGGA
CCAGCTCATTGAAAAGAGGGAGCCAGGAAGTGGGACGGAAAGTGACACTTCTCCAGACTTCCACAATCAGGAAAATGAGCC
CAGCCAGGAGGACCCTGAGGATCTGGATGGATCTGTGCAGGGAGTGAAACCTCAGAAGGCTGCTTCTTCTACTTCCTCAGG
GAGTCACCACAGCAGCCATAAAAAGCGAAAGAATAAAAACCGGCACAGGATTGATCTGAAGTTAAACAAAAAACCCACGAGC
TGACTATTAG
```

#### Transaction Sequence

```
MAMHNKAAPP QIPDTRRELA ELVKRKQELA ETLANLERQI YAFEGSYLED TQMYGNIIRG WDRYLTNQKN SNSKNDRRNR
KFKEAERLFS KSSVTSAAAV SALAGVQDQL IEKREPGSGT ESDTSPDFHN QENEPSQEDP EDLDGSVQGV KPQKAASSTS
SGSHHSSHKK RKNKNRHRID LKLNKKPRAD Y
```