

## LMO4 cDNA

Catalog Number: ATGD0168

### PRODUCT INFORMATION

---

**Catalog number**

ATGD0168

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_006760.1

**Alternative Names**

**mRNA Refseq**

NM\_006769.3

**OMIM**

603129

**Chromosome location**

1p22.3

### PRODUCT SPECIFICATION

---

**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

498bp

**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**

LMO4 encodes a cysteine-rich protein that contains two LIM domains but lacks a DNA-binding homeodomain. The

## LMO4 cDNA

Catalog Number: ATGD0168

encoded protein may play a role as a transcriptional regulator or as an oncogene.

### DATA

---

#### Sequence nucleotides

```
ATGGTGAATCCGGGCAGCAGCTCGCAGCCGCCCGGTGACGGCCGGCTCCCTCTCCTGGAAGCGGTGCGCAGGCTGCG  
GGGGCAAGATTGCGGACCGCTTTCTGCTCTATGCCATGGACAGCTATTGGCACAGCCGGTGCCTCAAGTGCTCCTGCTGCC  
AGGCGCAGCTGGGCGACATCGGCACGTCCTGTTACACAAAAGTGGCATGATCCTTTGCAGAAATGACTACATTAGGTTATT  
TGAAATAGCGGTGCTTGCAGCGCTTGCAGGACAGTCGATTCTGCGAGTGAACCTCGTCATGAGGGCGCAAGGCAATGTGT  
ATCATCTTAAGTGTTTTACATGCTCTACCTGCCGGAATCGCCTGGTCCCAGGAGATCGGTTTCACTACATCAATGGCAGTTTA  
TTTTGTGAACATGATAGACCTACAGCTCTCATCAATGGCCATTTGAATTCACCTCAGAGCAATCCACTACTGCCAGACCAGAA  
GTCTGCTAA
```

#### Transaction Sequence

```
MVNP GSSSQP PPV TAGSLSW KRCAGCGGKI ADRFLLYAMD SYWHSRCLKC SCCQAQLGDI GTSCYTKSGM ILCRNDYIRL  
FGNSGACSAC GQSIPASELV MRAQGNVYHL KCFTCSTCRN RLVPGDRFHY INGS LFCEHD RPTALINGHL NSLQSNPLLP  
DQKVC
```