

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

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

DATA

Sequence nucleotides

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ATGGTGAATCCGGGCAGCAGCTCGCAGCCGCCCGGTGACGGCCGGCTCCCTCTCCTGGAAGCGGTGCGCAGGCTGCG  
GGGGCAAGATTGCGGACCGCTTTCTGCTCTATGCCATGGACAGCTATTGGCACAGCCGGTGCCTCAAGTGCTCCTGCTGCC  
AGGCGCAGCTGGGCGACATCGGCACGTCCTGTTACACCAAAGTGGCATGATCCTTTGCAGAAATGACTACATTAGGTTATT  
TGAAATAGCGGTGCTTGCAGCGCTTGCAGGACAGTCGATTCTGCGAGTGAACCTCGTCATGAGGGCGCAAGGCAATGTGT  
ATCATCTTAAGTGTTTTACATGCTCTACCTGCCGGAATCGCCTGGTCCCAGGAGATCGGTTTCACTACATCAATGGCAGTTTA  
TTTTGTGAACATGATAGACCTACAGCTCTCATCAATGGCCATTTGAATTCCTTCACTTCACTACTGCCAGACCAGAA  
GGTCTGCTAA
```

Transaction Sequence

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