

LAGE3 cDNA

Catalog Number: ATGD0384

PRODUCT INFORMATION

Catalog number

ATGD0384

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006005.2

Alternative Names

CVG5, DXS9879E, DXS9951E, ESO3, ITBA2

mRNA Refseq

NM_006014.4

OMIM

300060

Chromosome location

Xq28

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

432bp

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 Nde 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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LAGE3 belongs to the ESO/LAGE gene family, members of which are clustered together on chromosome Xq28, and have similar exon-intron structures.

DATA

Sequence nucleotides

```
ATGCGGGACGCGGATGCAGACGCAGGCGGAGGCGCTGACGGCGGGGATGGCCGGGGTGGCCACAGCTGCCGCGGGGGC
GTGGACACAGCCGCAGCTCCGGCCGGTGGAGCTCCCCCAGCGCACGCGCCAGGTCCGGGCAGAGACGCCGCGTCTGCGG
CCAGGGGGTTCACGAATGCGGCCGCACATATTCACCCTCAGCGTGCCTTTCCCGACCCCCTTGGAGGCGGAAATCGCCCATG
GGTCCCTGGCACCAGATGCCGAGCCCCACCAAAGGGTGGTTGGGAAGGATCTCACAGTGAGTGGCAGGATCCTGGTCGTC
CGCTGGAAAGCTGAAGACTGTCGCCTGCTCCGAATTTCCGTCATCAACTTTCTTGACCAGCTTTCCTGGTGGTGC GGACCA
TGCAGCGCTTTGGGCCCCCGTTTCCCGCTAA
```

Transaction Sequence

```
MRDADADAGG GADGGDGRGG HSCRGGVDTA AAPAGGAPPA HAPGPGRDAA SAARGSRMRPHIFTLSPFP TPLEAIAHG
SLAPDAEPHQ RVVGKDLTVS GRILVVRWKA EDCRLLRISVINFLDQLSLV VRTMQRFGPP VSR
```