

VMAC cDNA

Catalog Number: ATGD0399

PRODUCT INFORMATION

Catalog number

ATGD0399

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001017921.1

Alternative Names**mRNA Refseq**

NM_001017921.3

OMIM**Chromosome location**

19p13.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

510bp

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

VMAC (vimentin-type intermediate filament associated coiled-coil protein) is a 169 amino acid cytoplasmic protein that colocalizes with vimentin-type intermediate filaments. Abundant in kidney, VMAC is encoded by a

VMAC cDNA

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gene located on human chromosome 19p13.3.

DATA

Sequence nucleotides

```
ATGTCGGCGCCGCCGGCCCTGCAGATCCGGGAGGCAAACGCACACCTGGCAGCCGTGCACCGGCGCGCAGCGGAGCTGG
AGGCGCGGCTGGACGCGGCGGAGCGCACGGTGCACGCCCAAGCCGAGCGCCTGGCCCTCCACGACCAGCAGCTGCGCGC
CGCCCTAGACGAACTGGGTCGCGCCAAGGACCGTGAGATTGCCACACTCCAGGAGCAGCTGATGACCTCAGAAGCCACTG
TCCACAGCCTGCAGGCCACCGTGCACCAGAGGGACGAGCTCATTAGGCAGTTGCAGCCCCGGGCTGAGCTGCTGCAGGAC
ATCTGCCGCCGCCGGCCACCCCTGGCTGGGCTGCTGGATGCCCTGGCTGAGGCTGAGCGCCTGGGGCCCCCTGCCGGCCA
GTGACCCCGGCCACCCACCCCGGTGGGCCTGGTCCACCCCTTGACAACAGCACTGGGGAAGAGGCGGACAGGGACCA
CCTCCAGCCTGCAGTGTTTGGGACCACAGTGTGA
```

Transaction Sequence

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MSAPPALQIR EANAHLAAVH RRAAELEA RL DAAERTVHAQ AERLALHDQQ LRAALDELGR AKDREIATLQ EQLMTSEATV
HSLQATVHQR DELIRQLQPR AELLQDICRR RPPLAGLLDA LAEAERLGPL PASDPGHPPP GGPGPPLDNS TGEEADRDHL
QPAVFGTTV
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