

ORAOV1 cDNA

Catalog Number: ATGD0047

PRODUCT INFORMATION

Catalog number

ATGD0047

Product type

cDNA

Species

Human

NCBI Accession No.

NP_703152.1

Alternative Names

TAOS1

mRNA Refseq

NM_153451.2

OMIM

607224

Chromosome location

11q13.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

414bp

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

ORAOV1 cDNA

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Oral cancer-overexpressed protein 1 (ORAOV1) was found as a candidate oncogene in the 11q13 chromosomal region. Functional analyses revealed that ORAOV1 was involved in the regulation of HeLa cell growth through its effect on cell cycle and apoptosis.

DATA

Sequence nucleotides

```
ATGGCTGGCA GTCAGGACAT ATTCGATGCC ATCGTGATGG CGGATGAGAG GTTTCATGGG GAAGGGTATC
GGGAAGGCTA TGAAGAAGGC AGTAGTTTGG GTGTGATGGA GGGAAGGCAG CATGGCACGC TGCATGGAGC
CAAAATCGGG TCTGAGATCG GGTGCTACCA AGGTTTTGCT TTTGCATGGA AATGTCTACT GCACAGTTGC
ACCACTGAGA AGGACAGCAG AAAGATGAAG GTCTTAGAAT CATTGATTGG AATGATCCAG AAATCCCTT
ATGATGACCC TACTTACGAT AAATCCATG AAGACTTAGA CAAGATCAGA GGAAAATTTA AACAGTTTTG
TTCGTTACTC AATGTTGAGC CAGACTTTAA AATTAGTGCA GAAGGTTCCG GACTTTCATT TTGA
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Transaction Sequence

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MAGSQDIFDA IVMADERFHG EGYREGYEEG SSLGVMEGRQ HGTLHGAKIG SEIGCYQGFA FAWKCLLHSC TTEKDSRKMK
VLESLIGMIQ KFPYDDPTYD KLHEDLDKIR GKFKQFCSLL NVQPDFKISA EGSGLSF
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