

MED21 cDNA

Catalog Number: ATGD0476

PRODUCT INFORMATION

Catalog number

ATGD0476

Product type

cDNA

Species

Human

NCBI Accession No.

NP_004255.2

Alternative Names

hSrb7, SRB7, SURB7

mRNA Refseq

NM_004264.4

OMIM

603800

Chromosome location

12p11.23

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

435bp

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

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MED21 is a member of the mediator complex subunit 21 family. The encoded protein interacts with the human RNA polymerase II holoenzyme and is involved in transcriptional regulation of RNA polymerase II transcribed genes. A pseudogene of this gene is located on chromosome 8. Alternative splicing results in multiple transcript variants.

DATA

Sequence nucleotides

```
ATGGCGGATCGGCTCACGCAGCTTCAGGACGCTGTGAATTCGCTTGCAGATCAGTTTTGTAATGCCATTGGAGTATTGCAGC
AATGTGGTCCTCCTGCCTCTTTCAATAATATTCAGACAGCAATTAACAAAGACCAGCCAGCTAACCCCTACAGAAGAGTATGC
CCAGCTTTTTGCAGCACTGATTGCACGAACAGCAAAAGACATTGATGTTTTGATAGATTCTTACCCAGTGAAGAATCTACAG
CTGCTTTACAGGCTGCTAGCTTGTATAAGCTAGAAGAAGAAAACCATGAAGCTGCTACATGTCTGGAGGATGTTGTTTATCG
AGGAGACATGCTTCTGGAGAAGATACAAAGCGCACTTGCTGATATTGCACAGTCACAGCTGAAGACAAGAAGTGGTACCCA
TAGCCAGTCTCTTCCAGACTCATAG
```

Transaction Sequence

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MADRLTQLQD AVNSLADQFC NAIGVLQQCG PPASFNNIQT AINKDQPANP TEEYAQLFAALIARTAKDID VLIDSLPSEE
STAALQAASL YKLEENHEA ATCLEDVVYR GDMLEKIQSALADIAQSQL KTRSGTHSQS LPDS
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