

## TIAF1 cDNA

Catalog Number: ATGD0054

### PRODUCT INFORMATION

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**Catalog number**

ATGD0054

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_004731.2

**Alternative Names**

MAJN, SPR210

**mRNA Refseq**

NM\_004740.3

**OMIM**

609517

**Chromosome location**

17q11.2

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

348bp

**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**

**TIAF1 cDNA**

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TGFB1-induced anti-apoptotic factor 1, also known as TIAF1, inhibits the cytotoxic effects of TNF-alpha and overexpressed TNF receptor adapters TRADD, FADD, and RIPK1. This protein involved in TGF-beta1 inhibition of IkappaB-alpha expression and suppression of TNF-mediated IkappaB-alpha degradation.

**DATA**

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**Sequence nucleotides**

```
ATGTCATCTC CATCTTCACC CTTCAGAGAG CAGTCCTTTC TCTGTGCAGC TGGAGACGCT GGTGAGGAGA
GCCGGGTCCA GGTTCTTAAG AATGAGGTGC GGAGGGGCTC TCCGGTGCTG CTGGGCTGGG TTGAGCAAGC
CTACGCAGAC AAGTGTGTGT GTGGACCATC CGCACCTCCA GCCCCACCC CACCCTCTTT GTCTCAGCGT
GTTATGTGCA ATGACCTATT TAAGGTAAAC CCATTCCAAC TACAGCAGTT CAGGGCTGAT CCAAGCACTG
CCTCCCTCCT GCTCTGTCCA GGTGGTCTGG ACCATAAACT CAACTTGAGA GGGAAGGCTT GGGGTTGA
```

**Transaction Sequence**

```
MSSPSSPFRE QSFLCAAGDA GEESRVQVLK NEVRRGSPVL LGWVEQAYAD KVCVGPSAPP APTPPSLSQR VMCNDLFKVN
PFQLQFRAD PSTASLLLCP GGLDHLNLR GKAWG
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