

TDP2 cDNA

Catalog Number: ATGD0382

PRODUCT INFORMATION

Catalog number

ATGD0382

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057698.2

Alternative Names

AD022, dJ30M3.3, EAP2, EAPII, hTDP2, TTRAP

mRNA Refseq

NM_016614.2

OMIM

605764

Chromosome location

6p22.3-p22.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1089bp

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 Hind III. 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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TDP2 is a member of a superfamily of divalent cation-dependent phosphodiesterases. This protein has sequence and structural similarities with APE1 endonuclease, which is involved in both DNA repair and the activation of transcription factors.

DATA

Sequence nucleotides

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ATGGAGTTGGGGAGTTGCCTGGAGGGCGGGAGGGAGGCGGCGGAGGAAGAGGGCGAGCCTGAGGTGAAAAAGCGGCGA
CTTCTGTGTGTGGAGTTTGCCTCGGTGCGAAGCTGCGATGCCGCACTGGCTCAGTGCTTCTGGCCGAGAACGACTGGGA
GATGGAAAGGGCTCTGAACTCCTACTTCGAGCCTCCGGTGGAGGAGAGCGCCTTGGAACGCCGACCTGAAACCATCTCTGA
GCCAAGACCTATGTTGACCTAACCAATGAAGAAACAACCTGATTCCACCACTTCTAAAATCAGCCCATCTGAAGATACTCAG
CAAGAAAATGGCAGCATGTTCTCTCTCATTACCTGGAATATTGATGGATTAGATCTAAACAATCTGTCAGAGAGGGGCTCGAG
GGGTGTGTTCTACTTAGCTTTGTACAGCCCAGATGTGATATTTCTACAGGAAGTTATTCCCCCATATTATAGCTACCTAAAG
AAGAGATCAAGTAATTATGAGATTATTACAGGTCATGAAGAAGGATATTTACAGCTATAATGTTGAAGAAATCAAGAGTGA
AATTAAGGAGCAAGAGATTATTCCTTTTCCAAGTACCAAAATGATGAGAAACCTTTTATGTGTGCATGTGAACGTGTCAGGA
AATGAGCTTTGCCTTATGACATCCCATTGGAGAGCACCAGAGGGCATGCTGCGGAACGAATGAATCAGTTAAAAATGGTTT
TAAAGAAAATGCAAGAGGCTCCAGAGTCAGCTACAGTTATATTTGCAGGAGATACAAATCTAAGGGATCGAGAGGTTACCA
GATGTGGTGGTTTACCCAACAACATTGTGGATGTCTGGGAGTTTTTGGGCAAACCTAAACATTGCCAGTATACATGGGATAC
ACAAATGAACTCTAATCTTGAATAACTGCTGCTTGTAACCTCGTTTTGATCGAATATTTTTCAGAGCAGCAGCAGAAGAGG
GACACATTATCCCCGAAGTTTGGACCTTCTTGATTAGAAAACTGGACTGTGGTAGATTTCCTAGTGATCACTGGGGTCTT
CTGTGCAACTTAGATATAATATTGTAA
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Transaction Sequence

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MELGSCLEGG REAEEEEGEP EVKKRRLLCV EFASVASCDA AVAQCFLEEN DWEMERALNSYFEPPEESA LERRPETISE
PKTYVDLTNE ETDDSTTSKI SPSEDQQEN GSMFSLITWNIDGLDLNLS ERARGVCSYL ALYSPDVIFL QEVIPPYYSY
LKKRSSNYEI ITGHEEGYFTAIMLKSRVK LKSQEIPFP STKMMRNLLC VHVNVSGNEL CLMTSHLEST
RGHAAERMNQLKMLVKKMQE APESATVIFA GDTNLRDREV TRCGGLPNNI VDVWEFLGKP KHCQYTWDTQMNSNLGITAA
CKLRFDRIF RAAAEEGHII PRSLDLLGLE KLDCGRFPSD HWGLLCNLDIIL
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