

UBE2V2 cDNA

Catalog Number: ATGD0057

PRODUCT INFORMATION

Catalog number

ATGD0057

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003341.1

Alternative Names

DDVit-1, DDVIT1, EDAF-1, EDPF-1, EDPF1, MMS2, UEV-2, UEV2

mRNA Refseq

NM_003350.2

OMIM

603001

Chromosome location

8q11.21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

438bp

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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uBE2V2, also known as ubiquitin-conjugating enzyme E2 variant 2, constitutes a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. This protein also shares homology with ubiquitin-conjugating enzyme E2 variant 1 and yeast MMS2 gene product. It may be involved in the differentiation of monocytes and enterocytes.

DATA

Sequence nucleotides

```
ATGGCGGTCT CCACAGGAGT TAAAGTTCCT CGTAATTTTC GCTTGTTGGA AGAACTTGAA GAAGGACAAA  
AAGGAGTAGG CGACGGTACA GTTAGCTGGG GCCTTGAAGA TGATGAAGAT ATGACACTTA CAAGGTGGAC  
AGGCATGATT ATTGGGCCAC CAAGGACAAA TTATGAAAAC AGAATATATA GCCTGAAAGT AGAATGTGGA  
CCTAAATACC CAGAAGCTCC TCCGTCAGTT AGATTTGTAA CAAAAATTAA TATGAACGGA ATAAATAATT  
CCAGTGGGAT GGTGGATGCC CGGAGCATA CAGTGTTAGC AAAATGGCAA AATTCATATA GCATTAAGT  
TGTA CTCAA GAGCTAAGAC GTCTAATGAT GTCCAAAGAA AATATGAAGC TTCCACAGCC ACCAGAAGGA  
CAACATACA ACAATTAA
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Transaction Sequence

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MAVSTGVKVP RNFRLLEELE EGQKGVGDGT VSWGLEDDED MTLTRWTGMI IGPRTNYEN RIYSLKVECG PKYPEAPPSV  
RFVTKINMNG INNSSGMVDA RSIPVLAKWQ NSYSIKVVLQ ELRRLMMSKE NMKLPQPEG QTYNN
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