

UBE2N cDNA

Catalog Number: ATGD0044

PRODUCT INFORMATION

Catalog number

ATGD0044

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003339.1

Alternative Names

Ubiquitin-conjugating enzyme E2N, UBC13, UbcH-ben

mRNA Refseq

NM_003348.3

OMIM

603679

Chromosome location

12q22

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

459bp

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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uBE2N, also known as uBC13, is a member of the E2 ubiquitin-conjugating enzyme family. It catalyzes the ATP-dependent synthesis of non-canonical polyubiquitin chains, a process that does not lead to proteasomal degradation. It mediates the transcription of several target genes and is thought to play a role in cell cycle progression; cellular differentiation and DNA repair mechanisms that ensure cell survival after DNA damage.

DATA

Sequence nucleotides

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ATGGCCGGGC TGCCCCGAG GATCATCAAG GAAACCCAGC GTTTGCTGGC AGAACCCAGTT CCTGGCATCA
AAGCCGAACC AGATGAGAGC AACGCCCGTT ATTTTCATGT GGTCATTGCT GGCCCTCAGG ATCCCCCCTT
TGAGGGAGGG ACTTTTAAAC TTGAACTATT CCTTCCAGAA GAATACCCAA TGGCAGCCCC TAAAGTACGT
TTCATGACCA AAATTTATCA TCCTAATGTA GACAAGTTGG GAAGAATATG TTTAGATATT TTGAAAGATA
AGTGGTCCCC AGCACTGCAG ATCCGCACAG TTCTGCTATC GATCCAGGCC TTGTTAAGTG CTCCCAATCC
AGATGATCCA TTAGCAAATG ATGTAGCGGA GCAGTGGAAG ACCAACGAAG CCAAGCCAT AGAAACAGCT
AGAGCATGGA CTAGGCTATA TGCCATGAAT AATATTTAA
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Transaction Sequence

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MAGLPRRIIK ETQRLLAEPV PGIKAEPDES NARYFHVVIA GPQDSPFEGG TFKLELFLPE EYPMAAPKVR FMTKIYHPNV
DKLGRICLDI LKDKWSPALQ IRTVLLSIQA LLSAPNPDDP LANDVAEQWK TNEAQAIETA RAWTRLYAMN NI
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