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

UBE2N cDNA

Catalog Number: ATGD0044

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

ATGGCCGGGC TGCCCCGCAG GATCATCAAG GAAACCCAGC GTTTGCTGGC AGAACCAGTT CCTGGCATCA
AAGCCGAACC AGATGAGAGC AACGCCCGTT ATTTTCATGT GGTCATTGCT GGCCCTCAGG ATTCCCCCTT
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 CCCAAGCCAT AGAAACAGCT
AGAGCATGGA CTAGGCTATA TGCCATGAAT AATATTTAA

Transaction Sequence

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