

UBE2B cDNA

Catalog Number: ATGD0138

PRODUCT INFORMATION

Catalog number

ATGD0138

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003328.1

Alternative Names

Ubiquitin-conjugating enzyme E2 B, E2 ubiquitin-conjugating enzyme B, RAD6 homolog B, RAD6B HR6B, hHR6B, Ubiquitin carrier protein B, Ubiquitin-conjugating enzyme E2-17 kDa, Ubiquitin-protein ligase B, Ubc2

mRNA Refseq

NM_003337.3

OMIM

179095

Chromosome location

5q31.1

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)

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General Description

UBE2B (Ubiquitin-Conjugating Enzyme E2B) is a Protein Coding gene. Among its related pathways are TGF-Beta Pathway and Class I MHC mediated antigen processing and presentation. GO annotations related to this gene include ubiquitin-protein transferase activity and ubiquitin protein ligase binding. An important paralog of this gene is UBE2A

DATA

Sequence nucleotides

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ATGTCGACCCCGGCCCGGAGGAGGCTCATGCGGGATTTC AAGCGGTTACAAGAGGACCCACCTGTGGGTGTCAGTGGCGC
ACCATCTGAAAACAACATCATGCAGTGGAATGCAGTTATATTTGGACCAGAAGGGACACCTTTTGAAGATGGTACTTTTAAA
CTAGTAATAGAATTTTCTGAAGAATATCCAAATAAACCACCAACTGTTAGGTTTTTATCCAAAATGTTTCATCCAAATGTGTAT
GCTGATGGTAGCATATGTTTAGATATCCTTCAGAATCGATGGAGTCCAACATATGATGTATCTTCTATCTTAACATCAATTCA
GTCTCTGCTGGATGAACCGAATCCTAACAGTCCAGCCAATAGCCAGGCAGCACAGCTTTATCAGGAAAACAAACGAGAATAT
GAGAAAAGAGTTTCGGCCATTGTTGAACAAAGCTGGAATGATTCATAA
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Transaction Sequence

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MSTPARRRLM RDFKRLQEDP PVGVSGAPSE NNIMQWNAVI FGPEGTPFED GTFKLVIEFS EEYPNKPPTV RFLSKMFHPN
VYADGSICLD ILQNRWSPTY DVSSILTSIQ SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAIVEQSWN DS
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