

UBE2A cDNA

Catalog Number: ATGD0139

PRODUCT INFORMATION

Catalog number

ATGD0139

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003327.2

Alternative Names

HHR6A, MRXS30, MRXSN, RAD6A, UBC2

mRNA Refseq

NM_003336.3

OMIM

312180

Chromosome location

Xq24

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 Nde 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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UBE2A (Ubiquitin-Conjugating Enzyme E2A) is a Protein Coding gene. Diseases associated with UBE2A include x-linked intellectual disability, nascimento type and mental retardation, x-linked syndromic, nascimento-type. 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 UBE2B.

DATA

Sequence nucleotides

```
ATGTCCACCCCGGCTCGGCGGGCGCCTCATGCGGGACTTCAAGAGGTTGCAGGAGGATCCTCCAGCCGGAGTCAGCGGGGC
TCCGTCCGAGAACAACATAATGGTGTGGAACGCGGTCAATTTTCGGGCCTGAAGGGACCCCGTTTGAGGATGGAACATTTAA
ACTTACAATAGAATTCACCTGAAGAATATCCAAATAAACCACCTACAGTTAGATTTGTCTCTAAGATGTTCCATCCAAATGTCTA
TGCAGATGGTAGTATATGTCTGGACATACTTCAGAACCGTTGGAGTCCAACCTATGATGTGTCTTCCATTCTAACATCCATAC
AGTCTCTGTTGGATGAACCCAATCCCAATAGTCCAGCAAACAGCCAGGCTGCTCAGCTGTACCAGGAGAACAAACGGGAAT
ATGAAAAGCGTGTTTCTGCAATAGTAGAACAAAGCTGGCGTGATTGTTGA
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Transaction Sequence

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MSTPARRRLM RDFKRLQEDP PAGVSGAPSE NNIMVWNAVI FGPEGTPFED GTFKLTIEFT EEYPNKPPTV RFVSKMFHPN
VYADGSICLD ILQNRWSPTY DVSSILTSIQ SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAIVEQSWR DC
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