

BUD31 cDNA

Catalog Number: ATGD0474

PRODUCT INFORMATION

Catalog number

ATGD0474

Product type

cDNA

Species

Human

NCBI Accession No.

NP_003901.2

Alternative Names

Cwc14, EDG-2, EDG2, fSAP17, G10, YCR063W

mRNA Refseq

NM_003910.3

OMIM

603477

Chromosome location

7q22.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

435bp

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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BUD31 (BUD31 Homolog (*S. Cerevisiae*)) is a nuclear protein that belongs to the BuD31 (G10) family. It contains a putative nuclear translocation sequence, an N-terminal acidic domain and a cysteine-rich C-terminal domain containing a putative Zinc-finger structure. The structure of BuD31 suggests that it may be a nuclear regulator of transcription.

DATA

Sequence nucleotides

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ATGCCTAAAGTCAAAGAAGCCGGAAAGCACCCCCAGATGGCTGGGAGTTGATTGAGCCAACACTGGATGAATTAGATCAA
AAGATGAGAGAAGCTGAAACAGAACCGCATGAGGGAAAGAGGAAAGTGGAATCTCTGTGGCCCATCTTCAGGATCCACCA
CCAGAAAACCCGCTACATCTTCGACCTCTTTTACAAGCGGAAAGCCATCAGCAGAGAACTCTATGAATATTGTATTAAGAA
GGCTATGCAGACAAAAACCTGATTGCAAAATGGAAAAAGCAAGGATATGAGAACTTGTGCTGCCTGCGGTGCATTCAGACA
CGGGACACCAACTTCGGGACGAACTGCATCTGCCGCGTGCCCAAAAGCAAGCTGGAAGTGGGCCGCATCATCGAGTGAC
ACACTGTGGCTGTCGTGGCTGCTCTGGCTGA
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Transaction Sequence

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MPKVKRSRKA PPDGWELIEP TLDELDQKMR EAETEPHEGK RKVESLWPIF RIHHQKTRYI FDLFYKRKAI SRELYEYCIK
EGYADKNLIA KWKKQGYENL CCLRCIQTRD TNFGTNCICR VPKSKLEVGR IIECTHCGCR GCSG
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