

ID1 cDNA

Catalog Number: ATGD0077

PRODUCT INFORMATION

Catalog number

ATGD0077

Product type

cDNA

Species

Human

NCBI Accession No.

NP_002156.2

Alternative Names

bHLHb24, ID

mRNA Refseq

NM_002165.3

OMIM

600349

Chromosome location

20q11

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

468bp

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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ID1 is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation

DATA

Sequence nucleotides

```
ATGAAAGTCG CCAGTGGCAG CACCGCCACC GCCGCCGCGG GCCCCAGCTG CGCGCTGAAG GCCGGCAAGA
CAGCGAGCGG TCGGGGCGAG GTGGTGCGCT GTCTGTCTGA GCAGAGCGTG GCCATCTCGC GCTGCGCCGG
GGGCGCCGGG GCGCGCCTGC CTGCCCTGCT GGACGAGCAG CAGGTAAACG TGCTGCTCTA CGACATGAAC
GGCTGTTACT CACGCCTCAA GGAGCTGGTG CCCACCCTGC CCCAGAACCG CAAGGTGAGC AAGGTGGAGA
TTCTCCAGCA CGTCATCGAC TACATCAGGG ACCTTCAGTT GGAGCTGAAC TCGGAATCCG AAGTTGGAAC
CCCCGGGGGC CGAGGGGCTGC CGGTCCGGGC TCCGCTCAGC ACCCTCAACG GCGAGATCAG CGCCCTGACG
GCCGAGGCGG CATGCGTTCC TCGGGACGAT CGCATCTTGT GTCGCTGA
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Transaction Sequence

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MKVASGSTAT AAAGPSCALK AGKTASGAGE VVRCLSEQSV AISRCAGGAG ARLPALLDEQ QVNVLLYDMN GCYSRLKELV
PTLPQNRKVS KVEILQHVID YIRDLQLELN SESEVGTPGG RGLPVRAPLS TLNGEISALT AEAACVPADD RILCR
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