

HDAC11 cDNA

Catalog Number: ATGD0456

PRODUCT INFORMATION

Catalog number

ATGD0456

Product type

cDNA

Species

Human

NCBI Accession No.

NP_079103.2

Alternative Names

HD11

mRNA Refseq

NM_024827.3

OMIM

607226

Chromosome location

3p25.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

1044bp

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 EcoR 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

HDAC11 cDNA

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HDAC11 is a class IV histone deacetylase. It is localized to the nucleus and may be involved in regulating the expression of interleukin 10. Alternative splicing results in multiple transcript variants

DATA

Sequence nucleotides

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ATGCTACACACAACCCAGCTGTACCAGCATGTGCCAGAGACACGCTGGCCAATCGTGTA
TTCATGGGCCTGGAGAAGCTGCATCCCTTTGATGCCGGAATGGGGCAAAGTGATCAAT
CTGTCTGACAGCATGCTGGTGGAGGCGCGGGAGGCCTCGGAGGAGGACCTGCTGGTGG
TGAGCTCAAGTGGTCTTTGCTGTTGCTACCATCACAGAAATCCCCCGTTATCTTCCTCC
AGGTGCTGAGGCCCTTCGGACCCAGACAGGAGGAACCATAATGGCGGGGAAGCTGGCTG
CAACGTGGGGGGTGGCTTCCACCACTGCTCCAGCGACCGTGGCGGGGGCTTCTGTGCCT
TCAAGTTTCTGTTTGAGCGTGTGGAGGGCATCTCCAGGGCTACCATCATTGATCTTGATG
GCGAGACTTCATGGACGACAAGCGTGTGTACATCATGGATGTCTACAACCGCCACATCTA
GCAGGCCATCAGGCGGAAGGTGGAGCTGGAGTGGGGCACAGAGGATGATGAGTACCTGGAT
AAGAAATCCCTCCAGGAGCACCTGCCCAGCTGGTGGTATACAATGCAGGCACCGACATCCT
GGGGCTGTCCATCAGCCCAGCGGGCATCGTGAAGCGGGATGAGCTGGTGTTCGGATGGTCC
ATCCTTATGGTGACCTCAGGCGGGTACCAGAAGCGCACAGCCCGCATCATTGCTGACTCCAT
GGCTCATTGGGCCTGAGTCACCCAGCGTCTCCGCACAGAACTCAGACACACCGCTGCTTCC
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Transaction Sequence

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MLHTTQLYQH VPETRWPIVY SPRYNITFMG LEKLHPFDAG KWGKVINFLK EEKLLSDSML
NELKWSFAVA TITEIPPVIF LPNFLVQRKV LRPLRTQTGG TIMAGKLAVE RGWAINVGGG
AIKFLFERVE GISRATIIDL DAHQGNNGHER DFMDDKRVI MDVYNRHIYP GDRFAKQAIR
GLGLIGPESP SVSAQNSDTP LLPPAVP
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