

HDHD2 cDNA

Catalog Number: ATGD0200

PRODUCT INFORMATION

Catalog number

ATGD0200

Product type

cDNA

Species

Human

NCBI Accession No.

NP_115500.1

Alternative Names

3110052N05Rik, HEL-S-301

mRNA Refseq

NM_032124.4

OMIM**Chromosome location**

18q21.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

780bp

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

HDHD2 (Haloacid Dehalogenase-Like Hydrolase Domain Containing 2) is a Protein Coding gene. An important

HDHD2 cDNA

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paralog of HDHD2 is LHPP

DATA

Sequence nucleotides

```
ATGGCAGCATGCCGTGCATTAAGCTGTTTTGGTAGATCTCAGTGGCACACTTCACATTGAAGATGCAGCTGTGCCAGGC
GCACAGGAAGCTCTTAAAAGGTTACGTGGTGCTTCTGTAATCATTAGGTTTGTGACCAATACAACCAAAGAGAGCAAGCAAG
ACCTGTTAGAAAAGGTTGAGAAAATTGGAATTTGATATCTCTGAAGATGAAATATTCACATCTCTGACTGCAGCCAGAAGTTTA
CTAGAGCGGAAACAAGTCAGACCCATGCTGCTAGTTGATGATCGGGCACTACCTGATTTCAAAGGAATACAAACAAGTGATC
CTAATGCTGTGGTCATGGGATTGGCACCCAGAACATTTTCATTATCAAATTCTGAATCAAGCATTCCGGTTACTCCTGGATGGA
GCACCTCTGATAGCAATCCACAAAGCCAGGTATTACAAGAGGAAAAGATGGCTTAGCCCTGGGGCCTGGACCATTTGTGACT
GCTTTAGAGTATGCCACAGATACCAAAGCCACAGTCGTGGGGAAACCAGAGAAGACGTTCTTTTTGGAAGCATTGCGGGGC
ACTGGCTGTGAACCTGAGGAGGCTGTCATGATAGGAGATGATTGCAGGGATGATGTTGGTGGGGCTCAAGATGTCGGCAT
GCTGGGCATCTTAGTAAAGACTGGGAAATATCGAGCATCAGATGAAGAAAAAATTAATCCACCTCCTTACTTAACTTGTGAG
AGTTCCCTCATGCTGTGGACCACATTCTGCAGCACCTATTGTGA
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Transaction Sequence

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MAACRALKAV LVDLSGTLHI EDAAVPGAQE ALKRLRGASV IIRFVTNTTK ESKQDLLERLRKLEFDISED EIFTSLTAAR
SLLERKQVRP MLLVDDRALP DFKGIQTS DP NAVVMGLAPEHFHYQILNQA FRLLLDGAPL IAIHKARYYK RKGDLALGPG
PFVTALEYAT DTKATVVGKPEKTFLEALR GTGCEPEEAV MIGDDCRDDV GGAQDVGMLG ILVKTGKYRA
SDEEKINPPPYLTCEFPHA VDHILQHLL
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