

## 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

Catalog Number: ATGD0200

paralog of HDHD2 is LHPP

### DATA

---

#### Sequence nucleotides

```
ATGGCAGCATGCCGTGCATTAAGCTGTTTTGGTAGATCTCAGTGGCACACTTCACATTGAAGATGCAGCTGTGCCAGGC
GCACAGGAAGCTCTTAAAAGGTTACGTGGTGCTTCTGTAATCATTAGGTTTGTGACCAATACAACCAAAGAGAGCAAGCAAG
ACCTGTTAGAAAAGGTTGAGAAAATTGGAATTTGATATCTCTGAAGATGAAATATTCACATCTCTGACTGCAGCCAGAAGTTTA
CTAGAGCGGAAACAAGTCAGACCCATGCTGCTAGTTGATGATCGGGCACTACCTGATTTCAAAGGAATACAAACAAGTGATC
CTAATGCTGTGGTCATGGGATTGGCACCAGAACATTTTCATTATCAAATTCTGAATCAAGCATTCCGGTTACTCCTGGATGGA
GCACCTCTGATAGCAATCCACAAAGCCAGGTATTACAAGAGGAAAAGATGGCTTAGCCCTGGGGCCTGGACCATTTGTGACT
GCTTTAGAGTATGCCACAGATACCAAAGCCACAGTCGTGGGGAAACCAGAGAAGACGTTCTTTTTGGAAGCATTGCGGGGC
ACTGGCTGTGAACCTGAGGAGGCTGTCATGATAGGAGATGATTGCAGGGATGATGTTGGTGGGGCTCAAGATGTCGGCAT
GCTGGGCATCTTAGTAAAGACTGGGAAATATCGAGCATCAGATGAAGAAAAAATTAATCCACCTCCTTACTTAACTTGTGAG
AGTTCCCTCATGCTGTGGACCACATTCTGCAGCACCTATTGTGA
```

#### Transaction Sequence

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