

UCHL5 cDNA

Catalog Number: ATGD0237

PRODUCT INFORMATION

Catalog number

ATGD0237

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057068.1

Alternative Names

Ubiquitin carboxyl-terminal hydrolase isozyme L5, Ubiquitin C-terminal hydrolase UCH37, Ubiquitin thioesterase L5, INO80 complex subunit R, INO80R, UCH37, CGI-70, AD-019

mRNA Refseq

NM_015984.3

OMIM

610667

Chromosome location

1q32

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

990bp

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)

UCLH5 cDNA

Catalog Number: ATGD0237

General Description

UCLH5 (Ubiquitin Carboxyl-Terminal Hydrolase L5) is a Protein Coding gene. Diseases associated with UCLH5 include cannabis dependence. Among its related pathways are Signaling by GPCR and Disease. GO annotations related to this gene include ubiquitin thiolesterase activity and endopeptidase inhibitor activity. An important paralog of this gene is BAP1.

DATA

Sequence nucleotides

```
ATGACGGGCAATGCCGGGGAGTGGTGCCTCATGGAAAGCGACCCCGGGGTCTTCACCGAGCTCATTAAAGGATTCGGTTG
CCGAGGAGCCCAAGTAGAAGAAATATGGAGTTTAGAGCCTGAGAATTTTGAAAAATTAAAGCCAGTTCATGGGTTAATTTTT
CTTTTCAAGTGGCAGCCAGGAGAAGAACCAGCAGGCTCTGTGGTTCAGGACTCCCGACTTGACACGATATTTTTTGCTAAGC
AGGTAATTAATAATGCTTGTGCTACTCAAGCCATAGTGAGTGTGTTACTGAACTGTACCCACCAGGATGTCCATTTAGGCGA
GACATTATCAGAGTTTAAAGAATTTTCACAAAGTTTTGATGCAGCTATGAAAGGCTTGGCACTGAGCAATTCAGATGTGATTC
GACAAGTACACAACAGTTTCGCCAGACAGCAAATGTTTGAATTTGATACGAAGACATCAGCAAAAGAAGAAGATGCTTTTCA
CTTTGTCAGTTATGTTCTGTTAATGGGAGACTGTATGAATTAGATGGATTAAGAGAAGGACCGATTGATTTAGGTGCATGC
AATCAAGATGATTGGATCAGTGCAGTAAGGCCTGTCATAGAAAAAAGGATACAAAAGTACAGTGAAGGTGAAATTCGATTTA
ATTTAATGGCCATTGTGTCTGACAGAAAAATGATATATGAGCAGAAGATAGCAGAGTTACAAAGACAACCTGCAGAGGAGGA
ACCCATGGATACAGATCAAGGTAATAGTATGTTAAGTGCTATTCAGTCAGAAGTTGCCAAAAATCAGATGCTTATTGAAGAA
GAAGTACAGAAATTAATAAAGATACAAGATTGAGAATATCAGAAGGAAGCATAATTATCTGCCTTTCATTATGGAATTGTTAAA
GACTTTAGCAGAACACCAGCAGTTAATACCACTAGTAGAAAAGGCAAAAGAAAAACAGAACGCAAAGAAAGCTCAGGAAAC
CAAATGA
```

Transaction Sequence

```
MTGNAGEWCL MESDPGVFTE LIKGFGCRGA QVEEWSLEP ENFEKLKPVH GLIFLKWQP GEEPAGSVVQ DSRLDTIFFA
KQVINNACAT QAIVSVLLNC THQDVHLGET LSEFKEFSQS FDAAMKGLAL SNSDVIRQVH NSFARQQMFE FDTKTSKEE
DAFHVSYVP VNGRLYELDG LREGPIDLGA CNQDDWISAV RPVIEKRIQK YSEGEIRFNL MAIVSDRKMI YEQKIAELQR
QLAEEEPMDT DQGNMSLSAI QSEVAKNQML IEEEVQKLKR YKNIENIRRKH NYLPFIMELL KTLAEHQQLI PLVEKAKEKQ
NAKKAQETK
```