

UCHL3 cDNA

Catalog Number: ATGD0236

PRODUCT INFORMATION

Catalog number

ATGD0236

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005993.1

Alternative Names

Ubiquitin carboxyl-terminal hydrolase isozyme L3, Uchl3, Ubiquitin carboxyl-terminal esterase L3, Ubiquitin thioesterase L3, Ubiquitin thiolesterase, Ubiquitin thiolesterase L3

mRNA Refseq

NM_006002.4

OMIM

603090

Chromosome location

13q22.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

693bp

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 Nde 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)

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General Description

UHL3 is a member of the deubiquitinating enzyme family. Members of this family are proteases that catalyze the removal of ubiquitin from polypeptides and are divided into five classes, depending on the mechanism of catalysis. This protein may hydrolyze the ubiquitinyl-N-epsilon amide bond of ubiquitinated proteins to regenerate ubiquitin for another catalytic cycle. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

DATA

Sequence nucleotides

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ATGGAGGGTCAACGCTGGCTGCCGCTGGAGGCCAATCCCGAGGTCACCAACCAGTTTCTTAAACAATTAGGTCTACATCCT
AACTGGCAATTCGTTGATGTATATGGAATGGATCCTGAACTCCTTAGCATGGTACCAAGACCAGTCTGTGCAGTCTTACTTCT
CTTTCCTATTACAGAAAAGTATGAAGTATTCAGAACAGAAGAGGAAGAAAAAATAAAATCTCAGGGACAAGATGTTACATCA
TCAGTATATTTTCATGAAGCAAACAATCAGCAATGCCTGTGGAACAATTGGACTGATTCATGCTATTGCAAACAATAAAGACAA
GATGCACTTTGAATCTGGATCAACCTTGAAAAAATTCCTGGAGGAATCTGTGTCAATGAGCCCTGAAGAACGAGCCAGATAC
CTGGAGAACTATGATGCCATCCGAGTTACTCATGAGACCAGTGCCCATGAAGGTCAGACTGAGGCACCAAGTATAGATGAG
AAAGTAGATCTTCATTTTATTGCATTAGTTCATGTAGATGGGCATCTCTATGAATTAGATGGGCGGAAGCCATTTCCAATTA
CCATGGTGAACTAGTGATGAACTTTATTAGAGGATGCCATAGAAGTTTGCAAGAAGTTTATGGAGCGCGACCCTGATGAA
CTAAGATTTAATGCGATTGCTCTTTCTGCAGCATAG
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Transaction Sequence

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MEGQRWLPLE ANPEVTNQFL KQLGLHPNWQ FVDVYGM DPE LLSMVPRPVC AVLLLPITE KYEVRTEEE EKIKSQGQDV
TSSVYFMKQT ISNACGTIGL IHAIAN NKDK MHFESGSTLK KFLEESVSMS PEERARYLEN YDAIRVTHET SAHEGQTEAP
SIDEKVDLHF IALVHVDGHL YELDGRKFPF INHGETSDET LLEDAIEVCK KFMERDPDEL RFNAIALSAA
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