

## Product datasheet for **RG232073**

### UCHL3 (NM\_001270952) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** UCHL3 (NM\_001270952) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** UCHL3  
**Synonyms:** UCH-L3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG232073 representing NM\_001270952  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATCTGAACTCCTTAGCATGGTACCAAGACCAGTCTGTGCAGTCTTACTTCTTTCTTATTACAG  
 AAAAGTATGAAGTATTCAGAACAGAAGAGGAAGAAAAAATAAAATCTCAGGGACAAGATGTTACATCATC  
 AGTATATTTTCATGAAGCAAACAATCAGCAATGCCTGTGGAACAATTGGACTGATTCATGCTATTGCAAAC  
 AATAAAGACAAGATGCACTTTGAATCTGGATCAACCTTGAAAAAATTCCTGGAGGAATCTGTGCAATGA  
 GCCCTGAAGAACGAGCCAGATACCTGGAGAATATGATGCCATCCGAGTTACTCATGAGACCAGTGCCCA  
 TGAAGGTCAGACTGAGGCACCAAGTATAGATGAGAAAGTATGATCTTCATTTATTGCATTAGTTCATGTA  
 GATGGGCATCTCTATGAATTAGATGGGCGGAAGCCATTTCCAATTAACCATGGTGAAGTACTGATGAAA  
 CTTTATTAGAGGATGCCATAGAAGTTTGAAGAAGTTTATGGAGCGCGACCCTGATGAACTAAGATTTAA  
 TGCGATTGCTCTTTCTGCAGCA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG232073 representing NM\_001270952  
 Red=Cloning site Green=Tags(s)

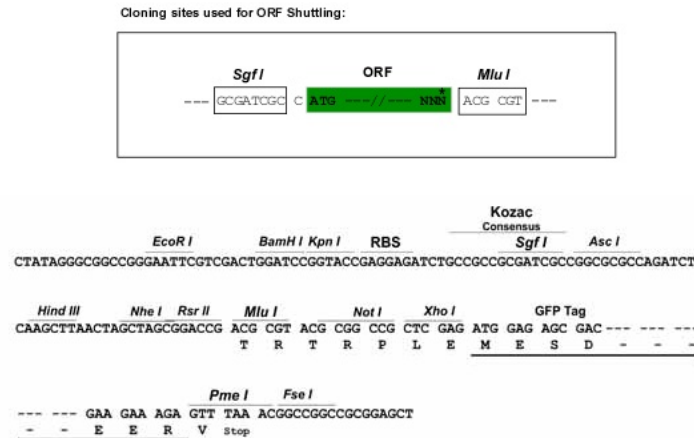
MDPELLSMVPRPVCVAVLLLFPITEKYEVFRTEEEEEKIKSQGDVTSVVYFMKQTIISNACGTIGLIHAIAN  
 NKDKMHFESGSLKFLFLEESVSMSPERARYLENYDAIRVTHETSAHEGQTEAPSIDEKVDLHFIALVHV  
 DGHLYELDGRKPFPINHGETSDETLLEDAIEVCKKFMERDPDELRFNIALSAA

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001270952

**ORF Size:** 582 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001270952.1](#), [NP\\_001257881.1](#)

**RefSeq Size:** 1050 bp

**RefSeq ORF:** 585 bp

**Locus ID:** 7347

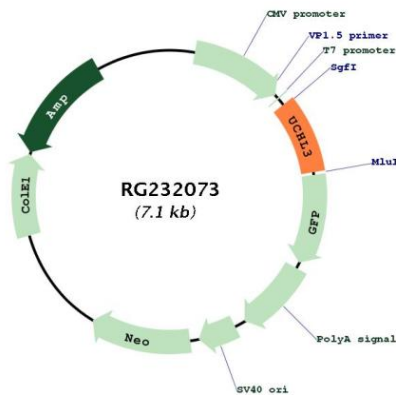
**UniProt ID:** [P15374](#)

**Cytogenetics:** 13q22.2

**Protein Families:** Druggable Genome, Protease

**Gene Summary:** The protein encoded by this gene 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. [provided by RefSeq, Aug 2012]

**Product images:**



Circular map for RG232073