

Product datasheet for **SC116417**

UCHL3 (NM_006002) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UCHL3 (NM_006002) Human Untagged Clone
Tag:	Tag Free
Symbol:	UCHL3
Synonyms:	UCH-L3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116417 sequence for NM_006002 edited (data generated by NextGen Sequencing)

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ATGGAGGGTCAACGCTGGCTGCCGCTGGAGGCCAATCCCGAGGTCACCAACCAGTTTCTT
AAACAATTAGGTCTACATCCTAACTGGCAATTCGTTGATGTATATGGAATGGATCCTGAA
CTCCTTAGCATGGTACCAAGACCAGTCTGTGCAGTCTTACTTCTTTTCTATTACAGAA
AAGTATGAAGTATTCAGAACAGAAAGAGGAAGAAAAATAAAATCTCAGGGACAAGATGTT
ACATCATCAGTATATTTTCATGAAGCAAACAATCAGCAATGCCTGTGGAACAATTGGACTG
ATTCATGCTATTGCAAACAATAAAGACAAGATGCACTTTGAATCTGGATCAACCTTGAAA
AAATTCCTGGAGGAATCTGTGTCAATGAGCCCTGAAGAACGAGCCAGATACCTGGAGAAC
TATGATGCCATCCGAGTTACTCATGAGACCAGTGCCCATGAAGGTCAGACTGAGGCACCA
AGTATAGATGAGAAAGTAGATCTTCATTTTATTGCATTAGTTCATGTAGATGGGCATCTC
TATGAATTAGATGGGCGGAAGCCATTTCCAATTAACCATGGTGAAGACTAGTGATGAAACT
TTATTAGAGGATGCCATAGAAGTTTGCAAGAAGTTTATGGAGCGCGACCCTGATGAACTA
AGATTTAATGCGATTGCTCTTTCTGCAGCATAG
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Clone variation with respect to NM_006002.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006002 unedited NNNAAGTCAGATTTTGTATACGACNACTATAGGCGGCCGCGACTTCGGCACGAGCGGCCA TGGAGGGTCAACGCTGGCTGCCGCTGGAAGCCAATCCCGAGGTCACCAACCAGTTTCTTA ACAAATTAGGTCTACATCCTAACTGGCAATTCGTTGATGTATATGGAATGGATCCTGAAC TCCTTAGCATGGTACCAAGACCAGTCTGTGCAGTCTTACTTCTCTTTCTATTACAGAAA AGTATGAAGTATTGAAACAGAAGAGGAAGAAAAAATAAAATCTCAGGGACAAGATGTTA CATCATCAGTATATTTTCATGAAGCAAAACAATCAGCAATGCCTGTGGAACAATTGGACTGA TTCATGCTATTGCAAACAATAAAGACAAGATGCACTTTGAATCTGGATCAACCTTGAAAA AATTCTGGAGGAATCTGTGTCAATGAGCCCTGAAGAACGAGCCAGATACCTGGAGAACT ATGATGCCATCCGAGTTACTCATGAAAACAGTGCCCATGAAGGTCAGACTGAGGCACCAA GTATAGAATAAAAAGTAGATCTTCATTTTATTGCATTAGTTTATGTAGATGGGCATCTCT ATGAATTAGATGGGCGGAAGCCATTTCCAATTAACCATGGTGAAGAACTAGTGATGAACT NTATTAGAGGATGCCTTAGAAGTTTGAAGAAGTTTATGGAGCGGAACCTGATGAACTA AGAATTAATGCGAATGCTCTTTCTGCAGCATAGCTTGCAATAATGGAACACCAAAAAAC TGTATTATTTGCAACTAAATNTTCTCTGCCATACACTAACNTCAAATTTNGATATTTT ATTAACCTGATGATAAACTTTTGGNGGAGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAC TCACTCTAGATGCGNCC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006002 unedited GGGGGNNNNNNNNNNNTNNNNNAAAAAATCTTTGNNCCGCGNNCCGATTCTNAN GATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAACTCACATAAAGTTAATC ATCAAGTTAATGAAAATACAAAATTTTTGAGTTAGTGTATGGCAAAAAAAAAATTTAGTTG CAAATAATACAGTTTTTTGGGTTTCCATTATTGACAAGCTATGCTGCAAAAAGAGCAATC GCATTAATCTTAGTTTCATCAGGTCGCGCTCCATAAACTTCTTGCAAACCTCTATGGCA TCCTCTAATAAAGTTTCATCACTAGTTTCACCATGGTTAATTGGAATGGCTCCGCCCA TCTAATTCATAGAGATGCCCATCTACATGAACTAATGCAATAAAATGAAGATCTACTTTC TCATCTACTTTGGNGCCTCAGTCTGACCTTCATGGGCACTGGTCTCATGAGTAACTCGG ATGGCATCATAGTTCTCCAGGTATCTGGCTCGTTCTTCAGGGCTCATTGACACAGATTCC TCCAGGAATTTTTCAAGTTTGTCCAGATTCAAAGTGCATCTTGCTTTATTGNTTGA ATAGCATGAATCAGTCCAATTTGTCACAGGCATTGCTGNATGTTTGCTTTCATGAAATAT ACTGATGATGAACATCTTGCCCTGAGATTTATTTTTTCTTCTTCTTCTGCTGAAAC TNCATACTTTCTGAATAGGAAAGAGAAGTAGACTGCCAGACTGGTCTTGTTACATGCTCA AGAGTTACAGGATCCATTCATATACATCACGAANTGCCCCAGTAGGATGTAACCTATTGT TTAGAACTGGTTGTTGACCTTGGGATGGCCTTCAGCGAAGNCACCGTTGACCCTTCATG GCCGNTGGGGCGAATCCGGGCGCCTTAAGGAGGCGAATTACACAATTTGACGGTCACTA ACGAGCTTGCTTAATAGACTCNCACGGTACCGCCTACGCCAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006002
Insert Size:	860 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_006002.3](#), [NP_005993.1](#)

RefSeq Size: 899 bp

RefSeq ORF: 693 bp

Locus ID: 7347

UniProt ID: [P15374](#)

Cytogenetics: 13q22.2

Domains: Peptidase_C12

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]
Transcript Variant: This variant (2) contains an alternate exon in the 5' coding region and initiates translation at an alternate start codon compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is longer than isoform 1.