

## Product datasheet for SC118049

### UBE2L3 (NM\_003347) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2L3 (NM_003347) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2L3
Synonyms:	E2-F1; L-UBC; UBCH7; UbcM4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_003347 edited ATGGCGGCCAGCAGGAGCTGATGAAGGAGCTTGAAGAAATCCGCAAATGTGGGATGAAA AACTTCCGTAACATCCAGTTGATGAAGCTAATTTATTGACTTGGCAAGGCTTATTGTT CCTGACAACCCTCCATATGATAAGGGAGCCTTCAGAATCGAAATCAACTTCCAGCAGAG TACCCATTCAAACACCCGAAGATCACATTTAAAACAAAGATCTATCACCCAAACATCGAC GAAAAGGGGCAGGTCTGTCTGCCAGTAATTAGTGCCGAAAACCTGGAAGCCAGCAACCAA ACCGACCAAGTAATCCAGTCCCTCATAGCACTGGTGAATGACCCCGAGCCTGAGCACCCG CTTCGGGCTGACCTAGCTGAAGAATACTCTAAGGACCGTAAAAAATCTGTAAGAATGCT GAAGAGTTTACAAAGAAATATGGGGAAAAGCGACCTGTGGACTAAAATCTGCCACGATTG GTTCCAGCAAGTGTGAGCAGAGACCCCGTGCAGTGCATTCAGACACCCCGCAAAGCAGGA CTCTGTGAAAATTGACACGTGCCACCGCTGGCGTTCGCTTGTGGCAGTTACTAACTTTC TACAGTTTTCTTAATCAAAGTGGTCTAGGTAACCTGTAAGAAAGGATTAAAAATTTAA GATGTTCTAGTTCTGCTCTCTTTGTTTTAAAAATCACTGCTTCAATCTACTTCAAAGAA TGGTGTTCCTTTCTGTCCAATTTATCCAAAATCTTCAAGTTACATTTAACCCATAAG GTTTAAAAAAAAAAAAAAAAAACTCGA



[View online »](#)

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_003347 unedited  
 TTTTCACCATTTTGTGCATACGATTTACTATAGGCGGCCGCAAATTCGCACGAGGCCAAG  
 ATGGCGGCCAGCAGGAGGCTGATGAAGGAGCTTGAAGAAACCGCAAAGTGGGATGAAAA  
 CTTCCGTAACATCCAGGTTGATGAAGCTAATTTATTGACTTGGCAAGGGCTTATTGTTCC  
 TGACAACCTCCATATGATAAGGGAGCCTTCAGAATCGAAATCACTTTCCAGCAGAGTA  
 CCCATTTCAAACCACCGAAGATCACATTTAAAACAAAGATCTATCACCCAAACATCGACGA  
 AAAGGGCAGGCTGTCTGCCAGTAATTAGTGCCGAAAACCTGGAAGCCAGCAACCAAAAC  
 CGACCAAGTAATCCAGTCCCTCATAGCACTGGTGAATGACCCCCAGCCTGAGCACCCGCT  
 TCGGGCTGACCTAGCTGAAGAATACTCTAAGGACCGTAAAAAATTCTGTAAGAATGCTGA  
 AGAGTTTACAAGAAATATGGGGAAAAGCGACCTGTGGACTAAAACTGCCACGATTGGT  
 TCCAGCAAGTGTGAGCAGAGACCCCGTGCAGTGCATTGACACCCCGCANAGCATGACT  
 CTGTGGAAATTGACACGTGCCACCCGCTGGCGTTCGCTTTGTGGCAGTTACTAATTTCT  
 ACAGTTTTCTTAATCAAAGTGGTCTATGTAACCTGTAAGAAAGGATTAATAAATAAAG  
 ATGTTCTAGTTTCTGCTCTCTTTGTTTTAAAATCACTGCTCCAATCTACTTCAAAGATG  
 GTTTTTCTTTTTTTGTCCAATTTATCCAAAATCTTAAGTTACATTTTAACCCATAAAG  
 GTTAAAAAAATAAAAAAAAACCTCGCACTTTTAAATTGCGGCCGGGGTTCATATACTG  
 GTTTCCTTGAAAGAATCTCCGGTGGTCTATTTCTGNGAACCCCTTCCCGG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_003347 unedited  
 CCGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTTAAACCTTATGGGTTAAATGTAAC  
 TGAAGATTTTGGATAAAAATTGGACAAGAAAAGAAACACCATTCTTTTGAAGTAGATTGAA  
 GCAGTGATTTTTAAAACAAAGAGAGCAGAACTAGAATCCTTAAATTTTTAATCCTTTCT  
 TTACAGGTTACCTAGACCACTTTTGATTAAGAAAAGTGTAGAAAGTTAGTAACTGCCACA  
 AGCGAACGCCAGGCGGTGGCACGTGTCAATTTCCACAGAGTCTGCTTTGCGGGGTGTCT  
 GAATGCACTGCACGGGGTCTCTGCTCACACTTGCTGGAACCAATCGTGGCAGATTTTGT  
 CCACAGGTCGCTTTTCCCATATTTCTTTGTAACCTTTCAGCATTCTTACAGAAATTTT  
 TACGGTCTTAGAGTATTTCTTACGCTAGGTCAGCCGAAGCGGGTGTCTCAGGCTGGGGGT  
 CATTACCAGTGTCTATGAGGGACTGGATTACTTGGTTCGGTTTTGGTTGCTGGCTTCCAGT  
 TTTTCGGCACTAATTACTGGCAGACAGACCTGCCCTTTTCGTCGATGTTTGTAGTGATAGA  
 TCTTTGTTCTAATGTGATCTTCGGAGGTTTGAATGGTACTCTGCTGAAAAGTGATTTCCG  
 ATTCTGAAGGCTCCCTTANATATGGAGGCNTGCAGGAACAATAGCCCTGCCAGTCATAA  
 ATTAGCTCATCAACCTGGAGTTACGGAAGTTTTTATCCACATTTGCGGATTTTTAAGCTC  
 CTTATAGCTCCTGTGCCGCTCTGGGCTTTGCCGATTGCGGGCGGCTTTGGAGGCGATT  
 ACAAATCTGAGGTTACTAACCAGCTTGCTTTTTGGACTCCACCGACCGCTAACGGCATT  
 GGTAAACGGGGCGGGGATTACAATTTTGAAGCCGCGTGTTTGGGCAACAATCCTTGCG  
 G

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_003347

**Insert Size:**

820 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_003347.2</a> , <a href="#">NP_003338.1</a>
<b>RefSeq Size:</b>	2907 bp
<b>RefSeq ORF:</b>	465 bp
<b>Locus ID:</b>	7332
<b>UniProt ID:</b>	<a href="#">P68036</a>
<b>Cytogenetics:</b>	22q11.21
<b>Protein Pathways:</b>	Parkinson's disease, Ubiquitin mediated proteolysis
<b>Gene Summary:</b>	<p>The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to participate in the ubiquitination of p53, c-Fos, and the NF-kB precursor p105 in vitro. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2009]</p> <p>Transcript Variant: This variant (1) uses an alternate 5' splice site and downstream translational start site, compared to variant 4. It encodes a shorter and distinct N-terminus in isoform 1, compared to isoform 4.</p>