

## Product datasheet for **SC322355**

### UBLCP1 (NM\_145049) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBLCP1 (NM_145049) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBLCP1
Synonyms:	CPUB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322355  
 CCCACGCGTCCGCGGACGCGTGGGTCCGGTCGCTTTCGGTCTCTCAGCGGCCGGTTTCTG  
 CGTCCGCTGCCGACAGTTCCACCGCGCTCCAGGTATTTTTTTTTCTGAAGGAAAGCTGCT  
 TCCTCATATGTTTCAAGAATGGCTCTCCCTATCATTGTAAGGTTGGGTGGACAGGAGTAT  
 TCAGTGACCACACTTTCCAGAAGATGATACTGTGCTCGATCTCAAACAGTTTCTCAAGACC  
 CTTACAGGAGTTCTTCCAGAACGCCAAAAGTTACTTGGACTCAAAGTTAAAGGCAAACT  
 GCAGAAAATGATGTTAAGCTTGGAGCTCTCAAACCTGAAACCAAATACTAAAATCATGATG  
 ATGGGAACTCGTGAGGAGAGCTTGGAAAGATGTCTTAGGTCCACCCCTGACAATGATGAT  
 GTTGTTAATGACTTTGATATTGAAGATGAAGTAGTTGAAGTAGAAAATAGGGAAGAAAAC  
 CTAAGAAAATTTCTCGCAGAGTAAAAGAGTACAAAGTGGAAAATTTGAATCCTCCACAGG  
 GAAGGGAAAAGCTTTTGGTGTAGATGTTGATTATACATTATTTGACCACAGGTCTTGT  
 GCAGAGACTGGGTAGAATTAATGCGGCCATATCTTCATGAATTTCTAACATCTGCCTAT  
 GAAGATTATGACATTGTTATTTGGTCTGCAACAAATATGAAGTGGATTGAAGCTAAAATG  
 AAAGAGCTGGGAGTGAGCACAAATGCAAATTATAAGATTACTTTCATGTTGGATAGTGCT  
 GCTATGATAACAGTACATACTCCAAGGAGAGGATTAATAGACGTAAGCCCTCTTGGTGTT  
 ATATGGGAAAAGTTTTCCGAGTTTTACAGCAAGAAAACACCATTATGTTTGATGACATA  
 GGGAGAAAATTTCTAATGAACCCACAGAATGGACTAAAAGATAAGGCCTTTTATGAAAGCG  
 CACCTAAATCGTGATAAAGACAAAGAAGCTTTTAAAATTAAGTACCTCAAGGAGATA  
 GCAAAAATTAGATGACTTTTTGGATCTAAATCACAAATATTGGGAAAGATATCTCTCAAAG  
 AAGCAAGGACAGTAGTTACAAGTTATACTGGCAGTTATTGAAGATACTTAAGATCCAAGA  
 ACTTCTTGCTTTTATGCTAGAAATCATTATGATAGTGTGGACTGAAGCAAATACCAT  
 ACTGCTTATACTTGGTCTTCCAGTTTTTTGTAATTTAATTTTATATTTTTTGAAGATGA  
 TAGCAATATGCTAAAAATGCTTGTCCCTATATGAATATTCTGTTACGCTTGAAAAATA  
 TTTTCTCCAGCGTTGGTTACTGACCACCCACCCTCCACACACACACACACACACACACA  
 CACACACACACACACACACACAAAGTGGAGAAAATGTATACTCAACAATGTCATT  
 TTGTGACTTTGAAAACAAGTTATGTTTTGTGTTTTGTCTCATTGTGTTATTGTCTGACT  
 AAATCTAAAACCAACCCATGTTGAAACTAGTACTTTTCCCTTTAAAACAAACCAAAAA  
 AAAAAACAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_145049

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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_145049.1</a> , <a href="#">NP_659486.1</a>
<b>RefSeq Size:</b>	2178 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	134510
<b>UniProt ID:</b>	<a href="#">Q8WVY7</a>
<b>Cytogenetics:</b>	5q33.3
<b>Domains:</b>	UBQ, CPDc
<b>Protein Families:</b>	Druggable Genome, Protease
<b>Gene Summary:</b>	Dephosphorylates 26S nuclear proteasomes, thereby decreasing their proteolytic activity. The dephosphorylation may prevent assembly of the core and regulatory particles (CP and RP) into mature 26S proteasome.[UniProtKB/Swiss-Prot Function]