

## Product datasheet for **SC100058**

### 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:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100058 sequence for NM_145049 edited (data generated by NextGen Sequencing)

```
ATGGCTCTCCCTATCATTGTAAATGGGGTGGACAGGAGTATTCACTGACACACATTTCAGGAGTATTCAAGACCCCTTACAGGAGTCTTCCA  
GAAGATGATACTGTGCTCGATCTCAAACAGTTTCTCAAGACCCCTTACAGGAGTCTTCCA  
GAACGCCAAAAGTTACTTGGACTCAAAGTTAAAGGCAAACCTGCAGAAAATGATGTTAAG  
CTTGGAGCTCTCAAAGTAAACCAAACTAAAATCATGATGATGGGAACTCGTGAGGAG  
AGCTTGGAAAGATGTCTTAGGTCCACCCCTGACAATGATGATGTTGTTAATGACTTTGAT  
ATTGAAGATGAAGTAGTTGAAGTAGAAAATAGGGAAGAAAACCTACTGAAAATTTCTCGC  
AGAGTGAAAGAGTACAAAGTGGAAATTTGAATCCTCCCAGGGAAGGAAAAAGCTTTTG  
GTGCTAGATGTTGATTATACATTATTTGACCACAGGTCTTGTGCAGAGACTGGGGTAGAA  
TTAATGCGGCCATATCTTCATGAATTTCTAACATCTGCCTATGAAGATTATGACATTGTT  
ATTTGGTCTGCAACAAATATGAAGTGGATTGAAGCTAAAATGAAAGAGCTGGGAGTGAGC  
ACAAATGCAAAATTATAAGATTACTTTCATGTTGGATAGTCTGCTATGATAACAGTACAT  
ACTCCAAGGAGAGGATTAATAGACGTAAAGCCTTTGGTGTATATGGGGAAAAGTTTTCG  
GAGTTTTACAGCAAGAAAAACACCATTATGTTTATGATGACATAGGGAGAAAATTTCTAATG  
AACCCACAGAATGGACTAAAGATAAGGCCTTTTATGAAAGCGCACCTAAATCGTGATAAA  
GACAAAGAAGCTTTTAAAATTAATCAGTACCTCAAGGAGATAGCAAAATTAGATGACTTT  
TTGGATCTAAATCACAAATATTGGGAAAGATATCTCTCAAAGAAGCAAGGACAGTAG
```

Clone variation with respect to NM\_145049.3



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_145049 unedited NGGGGGTCCAATTTTGTATACGACTCACTATAGGCGGCCGCAAATTCGCACGAGGCAG CGGCCGGTTTCTGCGTCCGCTGCCGAGTTCCACCGCGCTCCAGGTATTTTTTTTCTG AAGGAAAGCTGCTTCCTCATATGTTTCAAGAATGGCTCTCCCTATCATTGAAAAATGGGG TGGACAGGAGTATTCAGTGACCACACTTTCAGAAGATGATACTGTGCTCGATCTCAAACA GTTTCTCAAGACCCTTACAGGAGTTCTTCCAGAACGCCAAAAGTTACTTGGACTCAAAGT TAAAGGCAAACCTGCAGAAAATGATGTTAAGCTTGGAGCTCTCAAACGAAACCAATAC TAAAATCATGATGATGGGAACCTGAGGAGAGCTTGAAGATGTCTTAGGTCCACCCCC TGACAATGATGATGTTGTTAATGACTTTGATATTGAAGATGAAGTAGTTGAAGTAGAAAA TAGGGAAGAAAACCTACTGAAAATTTCTCGCAGAGTGAAAGAGTACAAAGTGGAAATTTT GAATCCTCCCAGGGAAGGAAAAAGCTTTTGGTGTAGATGTTGATTATACATTATTTGA CCACAGGTCTTGTGCAGAGACTGGGGTAGAATTAATGCGGCCATATCTTCATGAATTTCT AACATCTGCCTATGAAGATTATGACATTGTTATTTGGTCTGCAACAAATATGAAGTGGAT TGAAGCTAAAATGAAAGAGCTGGGAGTGAGCACAATGCAAATTATAAGATTACTTTTCAT GTTGGATAGTGTGCTATGATAACAGTACATACTCCAAGGAGAGGATTAATAGACGTAAA GCCTCTGGGTGTATATGGGGAAAAGTTTTTCNGAGTTTACCAGCAGAAAACACCATTATG TTTGA
<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_145049 unedited TTTTTGGTTTGTTTTTAAAGGAAAAGTACTAGTTTCAACATGGGTTTGGTTTTAGATTT AGTCAGACAATAACACAATAAGACAAAAACACAAAACATAACTTGTTCCAAAGTCACAA AATGACATTGTTGAGTATACATTTTTCTCCACTTGTGTGTGTGTGTGTGTGTGTGTGTG TGTGTGTGTGGTGGGAGGGTGN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_145049
<b>Insert Size:</b>	1500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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]