

## Product datasheet for MR204591

### Ublcp1 (NM\_024475) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ublcp1 (NM\_024475) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ublcp1  
**Synonyms:** 4930527B16Rik; 8430435I17Rik; BC002236  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR204591 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCACTCCCCATCATAGTGAATGGGGTGGCAGGAGTACTCAGTGACCACGCTCTCAGAAGATGATA  
CTGTGCTGGATCTTAAACAGTTCCTCAAGACCCTTACGGGAGTGCTCCAGAGCGCCAGAAGTTACTAGG  
GCTCAAAGTTAAAGGCAAACCTGCAGAAAATGATGTTAAGCTGGAGCTCTCAAACCTGAAACAAATACT  
AAAATCATGATGATGGAACTCGTGAGGAGAGCTTGAAGATGTCTTATGTCCTCCTCTGACAATGATG  
ATGTCATCAATGATTTTGACATTGAAGATGAAGTAGTTGAAGTAGAAAATAGGGAGGAAAACCTCCTGAA  
GGTCTCTCGCAGAGTCAAGGAGTACAAGGTGGAGGTGCTGAACCTCCCCGGGAGGGCAAGAAGCTCCTG  
GTGCTGGATGTTGACTATACACTGTTTGTATCATAGGTCTTGTGCAGAGACTGGGGTAGAGTTAATGAGAC  
CATATCTTCATGAATTTCTAACATCTGCATATGAAGATTATGACATTGTTATTTGGTCTGCAACAAATAT  
GAAGTGGATTGAAGCTAAAATGAAAGAGCTGGGCGTGAGCACAATGCCAACTATAAGATTACCTTCATG  
CTGGACAGTGGGCCATGATCACTGTGCACACGCCCGGAGAGGGCTCATTGACGTGAAGCTCTTGGTG  
TCATTTGGGAAAGTTTCTGAATTCTACAGCAAAAAGAACCATTATGTTTGTATGATATAGGAAGAAA  
TTTTCTAATGAATCCACAAAATGGACTGAAGATAAGGCCTTTCATGAAAGCTCATCTAAACCGTGATAAA  
GACAAGAACTGGTGAAGCTCACTCAGTACCTCAAGGAGATCGCTAAGCTTGATGACTTCTTGGAGCTGA  
ATCACAACTACTGGGAGAGGTATCTATCAAAGAAGCAAGGACAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204591 protein sequence  
Red=Cloning site Green=Tags(s)

MALPIIVKGGQEQYSVTTLSEDDTVLDLKQFLKLTGVLPERQKLLGLKVKGKPAENDVKLGALKLKPN  
 KIMMMGTREESLEDVLCPPPDNDVINDFDIEDEVVEVENREENLLKVSRRVKEYKVEVLNPPREGKLL  
 VLDVDYTLFDHRSCAETGVLMRPLYHEFLTSAVEDYDIVIWSATNMKWIEAKMKELGVSTNANYKITFM  
 LDSAAMITVHTPRRGLIDVKPLGVIWGFSEFYKSKNTIMFDDIGRNFLMNPQNLKIRPFMKAHLNRDK  
 DKELVKLTQYLKEIAKLDDFLELNHKYWERYLSKKQGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_024475

**ORF Size:** 957 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\\_024475.4](#)

**RefSeq Size:** 2155 bp

**RefSeq ORF:** 957 bp

**Locus ID:** 79560

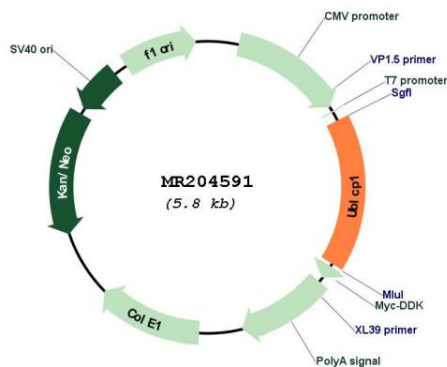
**UniProt ID:** [Q8BGR9](#)

**Cytogenetics:** 11 B1.1

**MW:** 36.8 kDa

**Gene Summary:** 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 (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR204591