

## Product datasheet for **MG204591**

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

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ublcp1 (NM\_024475) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Ublcp1  
**Synonyms:** 4930527B16Rik; 8430435I17Rik; BC002236  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG204591 representing NM\_024475  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCACTCCCCATCATAGTGAATGGGGTGGCAGGAGTACTCAGTGACCACGCTCTCAGAAGATGATA  
CTGTGCTGGATCTTAAACAGTTCCTCAAGACCCTTACGGGAGTGCTCCAGAGCGCCAGAAGTTACTAGG  
GCTCAAAGTTAAAGGCAAACCTGCAGAAAATGATGTTAAGCTTGGAGCTCTCAAACCTGAAACAAACT  
AAAATCATGATGATGGAACTCGTGAGGAGAGCTTGAAGATGTCTTATGTCCTCCTCTGACAATGATG  
ATGTCATCAATGATTTTGACATTGAAGATGAAGTAGTTGAAGTAGAAAATAGGGAGGAAAACCTCCTGAA  
GGTCTCTCGCAGAGTCAAGGAGTACAAGGTGGAGGTGCTGAACCTCCCGGGAGGGCAAGAAGCTCCTG  
GTGCTGGATGTTGACTATACACTGTTTGTATCATAGGTCTTGTGCAGAGACTGGGGTAGAGTTAATGAGAC  
CATATCTTCATGAATTTCTAACATCTGCATATGAAGATTATGACATTGTTATTTGGTCTGCAACAAATAT  
GAAGTGGATTGAAGCTAAAATGAAAGAGCTGGGCGTGAGCACAATGCCAACTATAAGATTACCTTCATG  
CTGGACAGTGGGCCATGATCACTGTGCACACGCCCGGAGAGGGCTCATTGACGTGAAGCTCTTGGTG  
TCATTTGGGAAAGTTTTCTGAATTCTACAGCAAAAAGAACCATTATGTTTGTATGATATAGGAAGAAA  
TTTTCTAATGAATCCACAAAATGGACTGAAGATAAGGCCTTTCATGAAAGCTCATCTAAACCGTGATAAA  
GACAAGGAAGTGGTGAAGCTCACTCAGTACCTCAAGGAGATCGCTAAGCTTGATGACTTCTTGGAGCTGA  
ATCACAAAGTACTGGGAGAGGTATCTATCAAAGAAGCAAGGACAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG204591 representing NM\_024475  
 Red=Cloning site Green=Tags(s)

MALPIIVKGGQEQEYSVTTLSEDDTVLDLQFLKLTGVLPERQKLLGLKVKGKPAENDVKLGALKLKPN  
 KIMMMGTREESLEDVLCPPPDNDVDINDFDIEDEVVEVENREENLLKVSRRVKEYKVEVLNPPREGKLL  
 VLDVDYTLFDHRSCAETGVLMRPLYHEFLTSAVEDYDIVIWSATNMKWIEAKMKELGVSTNANYKITFM  
 LDSAAMITVHTPRRGLIDVKPLGVIWGFSEFYKSKNTIMFDDIGRNFLMNPQNLKIRPFMKAHLNRDK  
 DKELVKLTQYLKEIAKLDDFLELNHKYWERYLSKKQGQ

TRTRPLE - GFP Tag - V

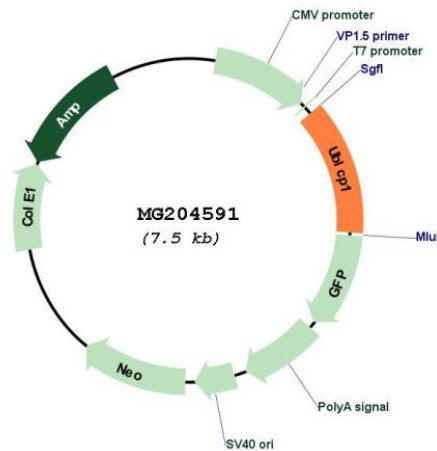
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_024475

**ORF Size:** 954 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_024475.4</a>
<b>RefSeq Size:</b>	2055 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	79560
<b>UniProt ID:</b>	<a href="#">Q8BGR9</a>
<b>Cytogenetics:</b>	11 B1.1
<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 (By similarity).[UniProtKB/Swiss-Prot Function]