

## Product datasheet for **MC209608**

### Ube2e1 (NM\_009455) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ube2e1 (NM\_009455) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ube2e1  
**Synonyms:** Ubce5; ubcM2; UbcM3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209608 representing NM\_009455  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGGATGACGATTTCGAGGGCCAGCACCAGCTCCTCGTCATCTTCGTCCTCCAACCAGCAGACCGAGA  
 AAGAAGGCAGCACCCCAAGAAGAAGGAGAGTAAAGTCAGCATGAGCAAAAATTCGAAGCTTCTCTCCAC  
 CAGCGCTAAGAGGATCCAGAAGGAGCTGGCAGACATCACTTTAGACCCTCGCCAAACTGCAGTGTGGT  
 CCCAAGGGTGACAACATCTATGAGTGGAGATCAACCATTCTGGGTCTCCAGGGTCTGTGTATGAAGGTG  
 GAGTATTCTTCTTGACATTACTTTTACACCAGAGTATCCTTTCAAGCCTCCAAAGGTTACATTTCTGATC  
 AAGAATTTATCACTGTAATATTAATAGCCAAGGAGTATTTGCTTGGACATATTGAAAGACAACCTGGAGC  
 CCAGCCCTAACCATCTCGAAAGTCTCCTTTCTATCTGCTCACTCCTTACAGACTGCAATCCTGCTGACC  
 CTTTGGTGGGAAGTATTGCCACTCAGTACATGACCAACAGAGCAGAACACGACAGAATGGCCAGACAGTG  
 GACCAAGAGATACGCTACAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009455  
**Insert Size:** 582 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).



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<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>	<u><a href="#">NM_009455.3</a></u> , <u><a href="#">NP_033481.1</a></u>
<b>RefSeq Size:</b>	1386 bp
<b>RefSeq ORF:</b>	582 bp
<b>Locus ID:</b>	22194
<b>UniProt ID:</b>	<u><a href="#">P52482</a></u>
<b>Cytogenetics:</b>	14 A2
<b>Gene Summary:</b>	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes the covalent attachment of ISG15 to other proteins. Mediates the selective degradation of short-lived and abnormal proteins. In vitro also catalyzes 'Lys-48'-linked polyubiquitination.[UniProtKB/Swiss-Prot Function]