

## Product datasheet for MC209609

### Ube2I3 (NM\_009456) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ube2I3 (NM\_009456) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ube2I3  
**Synonyms:** C79827; Ubce7; UbcM4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209609 representing NM\_009456  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGCCAGCAGGAGGCTGATGAAGGAGCTTGAAGAGATCCGCAAATGTGGAATGAAAACTTCCGTA  
 ACATCCAGGTTGATGAAGCTAATTTATTGACTTGGCAAGGGCTTATTGTTCTGACAACCTCCATATGA  
 TAAGGGAGCCTTCAGAATTGAAATCAACTTCCAGCAGAGTATCCATTCAAACCACCAAGATCACATTT  
 AAAACAAAGATCTACCACCCTAACATCGATGAGAAGGGGCGAGTCTGTCTGCCAGTCATTAGTGCTGAAA  
 ACTGGAAGCCAGCCACCAAGACTGACCAAGTAATCCAGTCCCTCATAGCACTGGTGAATGACCCCGAGCC  
 TGAGCACCCACTCCGGGCTGACCTAGCTGAAGAATACTCTAAGGACCGTAAAAAATTCTGTAAGAATGCT  
 GAAGAGTTTACAAAGAAATATGGGGAAAAGCGACCTGTGGACT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_009456  
**Insert Size:** 465 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).



[View online »](#)

<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_009456.2</a></u> , <u><a href="#">NP_033482.1</a></u>
<b>RefSeq Size:</b>	2609 bp
<b>RefSeq ORF:</b>	465 bp
<b>Locus ID:</b>	22195
<b>UniProt ID:</b>	<u><a href="#">P68037</a></u>
<b>Cytogenetics:</b>	16 10.63 cM
<b>Gene Summary:</b>	Ubiquitin-conjugating enzyme E2 that specifically acts with HECT-type and RBR family E3 ubiquitin-protein ligases. Does not function with most RING-containing E3 ubiquitin-protein ligases because it lacks intrinsic E3-independent reactivity with lysine: in contrast, it has activity with the RBR family E3 enzymes, such as PRKN and ARIH1, that function like function like RING-HECT hybrids. Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'-linked polyubiquitination. Involved in the selective degradation of short-lived and abnormal proteins. Down-regulated during the S-phase it is involved in progression through the cell cycle. Regulates nuclear hormone receptors transcriptional activity. May play a role in myelopoiesis.[UniProtKB/Swiss-Prot Function]