

## Product datasheet for MC214262

### Ube2z (NM\_172300) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ube2z (NM\_172300) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ube2z  
**Synonyms:** AW049199; C030047H17Rik; D11Moh35  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC214262 representing NM\_172300  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGAGAGTCCGACTGAGGAGGCGGCACGGCGACGGCTGGCGCCGGGGCGGCGGGCCAGGGTCTGA  
 GTGGTGTTCGGGTGTGGTTCGGGTTAGCGGGAGCGCGCGGGTTCGGGCGCCCTTTCTGCCGGATGT  
 GTGGGCGCGCGCGCGCGCGGGCGGGGCGGGGACCGGGAGCGGCCTGGCTCCGCTGCCAGGACTC  
 CGCCCTCGGCCGCTGCCACGGGGCCGCGCTGCTTAGCCATTGGGACCCACGCTCAGCTCGGACTGGG  
 ACGGCGAGCGAACCGCGCCACAGTGTCTACTTCGATTAAAGCGGATATCATGTCCATTTATAAGGAGCC  
 TCCTCCAGGAATGTTCTGTGTGCCGACACTGTTGACATGACTAAGATTCATGCTTTGATCACAGGCCCA  
 TTTGACACTCCTTATGAAGGGGTTTCTTCTGTTTCGTTTCGTTGTCACCTGACTATCCCATCCACC  
 CACCTCGGGTCAAAGTATGACAACGGGCAATAACACAGTGAGGTTTAAACCCAACTTCTACCGCAATGG  
 GAAAGTCTGCTTGAATTTCTAGGTACGTGGACTGGCCCTGCCTGGAGCCAGCCAGAGCATCTCTTCT  
 GTGCTTATCTCCATCCAGTCCCTGATGACTGAGAATCCCTACCACAACGAACAGGCTTTGAACAGGAAA  
 GACATCCAGGAGACAGAAAACTATAATGAATGTATCCGGCACGAGACCATCAGGGTTGCAGTCTGTGA  
 CATGATGGAGGGCAAGTGCCTGACCCCTGAACCCCTACGGGAGTGATGGAGAAGTCTTCTCTGGAGTAT  
 TATGACTTCTATGAGGTGGCCTGCAAGATCGCCTGCATCTTCAAGGCCAAACTATGCAGGACCCTTTTG  
 GAGAGAAGCGGGGCCACTTTGACTACCAGTCCCTCTTGTGCGCCTCGGACTGATTCGACAGAAAGTGCT  
 GGAAAGGCTCCATAATGAAAATGCTGAAATGGACTCTGATAGCAGCTCCTCTGGGACAGAGACAGACCTT  
 CATGGGAGCCTGAGGGTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172300



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<b>Insert Size:</b>	1071 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>	<u>NM_172300.3, NP_758504.3</u>
<b>RefSeq Size:</b>	3974 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	268470
<b>UniProt ID:</b>	<u>Q3UE37</u>
<b>Cytogenetics:</b>	11 59.28 cM
<b>Gene Summary:</b>	Catalyzes the covalent attachment of ubiquitin to other proteins. Specific substrate for UBA6, not charged with ubiquitin by UBE1. May be involved in apoptosis regulation. [UniProtKB/Swiss-Prot Function]