

## Product datasheet for MC203980

### Ube2d1 (NM\_145420) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ube2d1 (NM\_145420) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ube2d1  
**Synonyms:** UBCH5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC019464  
GGCGCCGCGCCCGCACACTCGCGCACC CGCCCGGGCGCACACGGAGCAGCCCTGCGAGCGCGCAGCCC  
GGGACACGCGGACACTCCG CAGCCCCCGCCCTGCCCATGGCGCTGAAGCGGATCCAGAAAGAATTAA  
GTGATTTACAGCGTGATCCACCTGCCACTGCTCAGCGGACCCGTGGGAGATGACTTGTCCACTGGCA  
AGCAACCATCATGGGGCCCCCTGACAGCGCCTATCAAGGTGGAGTCTTCTCCTCACTGTCCACTTCCG  
ACAGACTATCCCTTTAAACCACCAAAGATTGCTTTCACAACAAAAATCTACCACCCAAATATAAACAGCA  
ACGGGAGTATTTGTCTTGACATCCTGAGGTCCCAGTGGTCCGCCCTTTGACTGTATCGAAAGTCTTGCT  
GTCCATATGCTCGCTGCTCTGTGATCCTAATCCAGACGATCCCTTAGTACCAGATATTGCACAGATCTAT  
AAATCAGACAAAGAAAAATACAACAGGCACGCAAGAGAATGGACTCAGAAATATGCAATGTAAGTTTCA  
AACACTTTCACTTACGCCAGAGTACTGTAATCTATGTCTTTCCAGCGTTAGCATTAAAGCCGGCGCC  
GTTTGCCGTGTCCTTCGTTCCACGAGCCCTTTGGTTTTTACTCATTTTAAAGTGTGTTTCTGAAGCAAGAC  
AAAACAACTTCCAAGAATACCTGGAACCTCTGCTGAGAGCATTAGTATTCTGTGCTCATTGAAGAGG  
ACCTTTCTTTTCGGTTTTCCGAGACACTTGGACCCCTGCATCTCCAGCAAGATCTGTGACGTGACTGAGAA  
AGCAACCAGACGCTTTTCTTCTGAAACGAGACGTTTTTACCAGGAGAAACATTGTATGTGCCGTCCA  
AGATGTCGTCACCTTTTATACATCTGGATTCCAGATCTCATTCTTCGTTAGCTCACTTTATAATTTGTATTT  
TTTTACTGTATAGACTAAATATATTCTATGTCACTCCTGACTCCTCCTCCACCCCATCCCCGTGA  
ACAGTATTGAAGCTCCCAACAGCTGATGATGAATTAAGTCCCGCCCTTGTCTTAGCATATTCTGTG  
GGTTGAATGCGTATTTCTTAAACCGGAAGTACTGACACTGTATTTCTCAGTACTGATTAGAATGG  
AGAAACACTTGTGGTTTTTATTGACTTACTGACTTAACCTTATTGCAATGTGAATTAATTGCACTGTTAG  
GTAGGAAGGTGTGACTTTTTTTGTTGTTGCTCTTACCTTTGACCTTTTTTTTTTTCTGTATAGGCA  
ATATTATATTGACACCTTTTACAGATCTGACTGTAGCCTTTTCCATATAAATAAAATGCTTTTTCTACTA  
TTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_145420  
**Insert Size:** 444 bp



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<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>	<a href="#">BC019464</a> , <a href="#">AAH19464</a>
<b>RefSeq Size:</b>	1427 bp
<b>RefSeq ORF:</b>	444 bp
<b>Locus ID:</b>	216080
<b>UniProt ID:</b>	<a href="#">P61080</a>
<b>Cytogenetics:</b>	10 B5.3
<b>Gene Summary:</b>	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-linked polyubiquitination. Mediates the selective degradation of short-lived and abnormal proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and auto-ubiquitination of STUB1, TRAF6 and TRIM63/MURF1. Ubiquitinates STUB1-associated HSP90AB1 in vitro. Lacks inherent specificity for any particular lysine residue of ubiquitin. Essential for viral activation of IRF3. Mediates polyubiquitination of CYP3A4.[UniProtKB/Swiss-Prot Function]