

Product datasheet for **MC201436**

Ube2q2 (NM_180600) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2q2 (NM_180600) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ube2q2
Synonyms:	3010021M21Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC029111 sequence for NM_180600
 CCGACGCGTGGGCGGACGCGTGGGGTCGCGGCCGTGACGGCGGCTCCCGGCCCGGCTCCCTTTCTCAC
 CCCTCCCGCTGGAGATGAGGGGAAGATGTCCTGTGTCAGGGCTCAAGGCCGAGCTGAAGTTCTGGCGTCC
 ATCTTCGACAAGAACCACGAGCGATTCCGCATCGTCAGCTGGAAGCTGGACGAGCTGCACTGCCAGTTCC
 TGGTGCCGCCGCCGCCACCACCGCCGGGACGCTCGCTTCGCCGCCGCCGCCGCTCACACTTCACTGCAA
 CATCACGGAATCTTACCATCTTCTTACCAATATGGTTTGTGGACTCTGATGACCCAAATCTGACATCA
 GTTCTGGAACGCTTAGAAGATACTAAGAACAACAGTTCGCTCCGTGAGCAATTGAAGTGGTTGATATGTG
 ACCTCTGCAGATTATATAACCTTCTTAAGCACCTGGATGTTGAGATGCTAGATCAACCCTACCCACGGG
 TCAGAATGGGACAACCTGAAGAAGTAACCTCAGAAGAAGAGGAAGAGGAGGAGATGGCTGAAGATATAGAA
 GACTTGGATCACTATGAGATGAAGGAAGAAGAACCTATTAATGGGAAAAAGTCAGAGGATGAAGGGATTG
 AAAAAGAAAATTTGGCAATATTAGAGAAAATCAGGAAGACTCAAAGGCAAGACCTTTAAATGGTGCAGT
 GTCTGGTTCAGTACAAGCATCAGACAGACTGATGAAGGAGCTCAGGGACGCTACAGATCACAGAGCTAC
 AAGGCAGGATTTATTAGTGGAGCTAACAAATGACAGCTTATGACTGGCATGTCAAACACACAAGG
 TTGACTCTGATAGTCCTTTGCACAGTATCTTCCAGATCTTAAAGAAAAAGGAGCATAGAATATATTTT
 GCTTAACTTCTCTTTAAGGATAATTTCCATTTGATCCTCCGTTTGTAGAGTGGTGTACCTGTTCTC
 TCAGGAGGGTATGTGTTGGGTGGAGGAGCACTTTGTATGGAACCTCTCACAAAACAGGGCTGGAGCAGTG
 CCTACTCAATAGAATCTGTCATCATGCAGATCAATGCCACCTTAGTGAAAGGCAAAGCCCGGTGCAAGT
 TGGAGCAAATAAGAATCAGTATAATCTAGCACGAGCCCAACAGTCTATAATTCATTGTACAGATACAT
 GAGAAAATGGCTGGTACACACCTCCAAAGGAAGATGGCTAACTACATTGACATATGCTGGACCAATGT
 TGCTTTAAAGAAAATCGTTCCAACGTACAGACATAAGCTTTTGTAGTGCCCGTATAACAGCAGTACCGAAG
 ATATTAGTAATAGATCATTTAGTGGATAATCTGTCAACTGACATCCAGTTACAGCCTTTTCATTTTGTCT
 CACTTTAGGTATCTTGGACTGAGCAGTGGGGCCTTTACTGTATTTTTCTGATAAGTACACACAATAGCC
 ACTCCCTACCACCTCTTTCTTGAAGGTAAATCTTTAAGCAGGGAAGTGAAGTACCGTCTTACTGCAGC
 TGTGATTTTTACAGTAACCTTTCTATATTGAGCCTATGGGGTATGAAGTTTTGCAAAATCTTGTGTTT
 AGAGCCAATAAAAGTTTAACTGATGGTCAATACTGGTTTAGAAATTTTAGGTCTTCTAAACCATAGCTTT
 TTCAGGCTGAAATAATTTATTGCCAAAATTATGACAGGAAGCCTCCTCATTAAATTTGTTACACTTTTT
 CACGGTTGTGAAAGTTTGAACATAATCTAAAAGTATGATCGTAATTGTACCATATTAGCGTACAGCAAA
 ACGAGGCAGCCACTTGTGAGCAGTAATTTCCACTGGAGCAGCAGGGTCTAGTGGACCAACCTGCTTCC
 TGTTGGTTCAGCATTTCTTGTGAGGAAGAGCCACAGTGCAGAGCCTGAAGCTCTAAAGTATGAGGTCATT
 TTACCTTTCCATTTATTAGCGGGTGTGCAATTGACGATAAACTAATAAACTTATGGAATGGTTGGCAC
 AAAGACAGACTCTTTGAGCAAAATTATGAAAGATACCTAAATTTGGAGATCCTTAAATTTTTGCTGTAGTC
 ATGCAGTGGCTTTTACATCAGAAGACCAGTAGGAGTTCAGCCTGTGTTAATCTTTTTTAAATGTGACA
 CAGATCAATGTACTTTGCATTTTTATTACCTTTCTGAATCAATCCTCTTTGGTTGGTAATAGACTTTTT
 TGGATCCATGTTTGAATCTAGCTACTTAAAGCACTTTTAAAGAAACCTCGAAGCACACTCCTGCA
 CGACCCAGTACAGAGTTAAACGGCTTTTCTTATATTTGATTTGAGATTTTTTTTTTAACTTTGCAAA
 CCACATCTAGGAGATGTGGCACTTGTGCATTTTATGTGTGGTGTAGTTTCTCTTGATTCTGTGGTTAA
 GAGGGCAGAAAAGATATTTGGTATTCTTGGTCACTTGGTTACCCTAAATATATGATTGCCAGTGGCTCAG
 ATGACAAGTGACAAGACAGAATTTTTCAACACATTATTAAGTTCCTTATGCCTAAGGCAAAATCTTGAAT
 ACATTATTGAATTTAATTTCTAATGGCTAGCAGATTGACAGCTGCACATTTGGCATGCTTTGGGGTTG
 GGTTTTTTTTTTTTTTTGATTTTATTTTTCAATTGCAGATTTATTTGGCAATGTACAGTAAATTTGTAA
 ACTTGCATCAAGTTTATGAATAAAGAACCATTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_180600

Insert Size: 1137 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).

Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>BC029111</u> , <u>AAH29111</u>
RefSeq Size:	2782 bp
RefSeq ORF:	1137 bp
Locus ID:	109161
UniProt ID:	<u>Q8K2Z8</u>
Cytogenetics:	9 B
Gene Summary:	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-linked polyubiquitination.[UniProtKB/Swiss-Prot Function]