

Product datasheet for **MC211801**

Ube2ql1 (NM_001145162) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2ql1 (NM_001145162) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ube2ql1
Synonyms: 3110006E14Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC211801 representing NM_001145162
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACGCTGCTCCGTAAAATCGGGCTCATTGCCTGCACAACCGGGACACCGAGGCCCAAGCACC
ACCACAACCACCGTGGCGGAGGCGGGCCAGCAGAGCGCATCGCTGCGGGCAAAGGTGGTGGTAAAGAG
CAGCGGCCACAAGCAGCAGCAGCAACAGCAGCACCCCGGGGGCTCAGGCGACGCCAGCCGGGGCCCGGC
AAGGGCAAGAGTAAGCGCGGGCGGAACCTGGCCGCGCGACAAGCAGCCGACCCAGCCGGGGGCGG
CGGGGGCGGGCGCCGGGGGCCCGGGAGCGGGCGGGCGCCAGGGCGGGCCGGGGCCCGCGGT
GGCCGCGGGCGGGCGGGCGGCAGCCTAGTGCCCGGGCGGCCAGCAGCACTGCACACAGGTGCGCAGC
CGGCGGCTCATGAAGGAGCTCCAGGACATCGCGCGCCTCAGCGACCGCTTCATCTCGGTGGAGCTGGTAA
ACGAGAACCTCTTCGACTGGAACGTGAAGCTGCACCAGGTGGACAAGGACTCGGTGCTGTGGCAGGACAT
GAAGGAGACCAACACAGAGTTTCCTGCTCAACCTCACCTTCCCCGATAACTTCCCCTTCTCGCCGCC
TTCATGCGGGTGTCTAGCCCGGACTGGAGAACGGCTACGTGCTGGACGGAGGCCATCTGCATGGAGC
TGCTCACGCCGCGGGCTGGTCCAGCGCCTACACGGTGGAGGCCGTATGCGCCAGTTTGTCTGCCAGCCT
GGTCAAGGGCCAGGGACGGATCTGCAGAAAAGCTGGCAAGTCAAAAAGTCTTCAGCCGAAGGAAGCT
GAAGCAACCTTTAAGAGTTTGGTGAAGACACATGAGAAATACGGCTGGGTACCCACCCCGTGTCTGATG
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001145162



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Insert Size:	915 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>NM_001145162.1</u> , <u>NP_001138634.1</u>
RefSeq Size:	2711 bp
RefSeq ORF:	915 bp
Locus ID:	76980
UniProt ID:	<u>A0PIN4</u>
Cytogenetics:	13 C1
Gene Summary:	Probable E2 ubiquitin-protein ligase that catalyzes the covalent attachment of ubiquitin to target proteins. May facilitate the monoubiquitination and degradation of MTOR and CCNE1 through interaction with FBXW7.[UniProtKB/Swiss-Prot Function]