

## Product datasheet for **MC206908**

### Ube2g1 (BC096474) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2g1 (BC096474) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ube2g1
Synonyms:	2700059C12Rik; AI256795; AU014992; AW552068; D130023C12Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206908 representing BC096474. Blue=ORF Red=Cloning site Green=Tag(s)

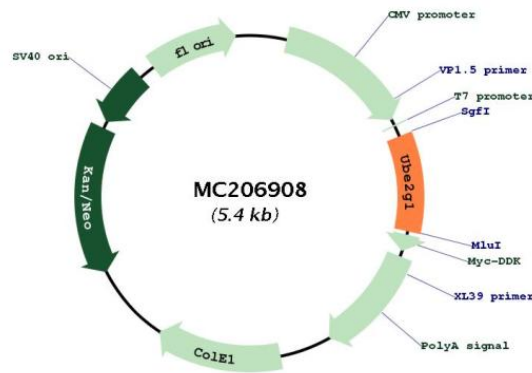
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACGGAGCTGCAGTCGGCGCTGCTACTGCGAAGACAGCTGGCAGAAGCTCAACAAAAATCCAGTGGAA
GGCTTTTCAGCAGGTTTAAATAGACGACAATGATCTCTATCGTTGGGAAGTCCTTATTATTGGTCCTCCA
GATACACTTTATGAAGGTGGTGTTTTAAAGGCTCATCTCACTTTCCAAAAAGATTATCCCCTCCGGCCT
CCTAAAATGAAATTCATTACAGAGATTTGGCACCCAAATGTTGATAAAAAATGGTGATGTTTGCATTCT
ATTCTTCATGAGCCTGGGAGGATAAATATGGTTATGAGAAGCCAGAGGAACGCTGGTTACCTATCCAT
ACTGTGAAAACCATCATGATTAGTGTCTTTCTATGCTGGCAGATCCTAATGGAGACTCACCTGCAAT
GTAGATGCTGCGAAAGAATGGAGGGAAGACAGAAACGGAGAATTTAAAAGGAAAGTTGCCCGCTGTGTA
AGAAAAAGCCAAGAAACTGCTTTTGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

## Plasmid Map:



ACCN: BC096474

Insert Size: 513 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:**

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: [BC096474](#)

RefSeq Size: 3289 bp

RefSeq ORF: 512 bp

Locus ID: 67128

Cytogenetics: 11 B4

MW: 19.5 kDa

**Gene Summary:** Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48', as well as 'Lys-63'-linked polyubiquitination. May be involved in degradation of muscle-specific proteins. Mediates polyubiquitination of CYP3A4. [UniProtKB/Swiss-Prot Function]