

## Product datasheet for **MR216380**

### Ube2l6 (NM\_019949) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ube2l6 (NM\_019949) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ube2l6  
**Synonyms:** 2810489I21Rik; RIG-B; Ubce8; UBCH8; Ubcm8  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR216380 representing NM\_019949  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGGCCAGCAAGCGAGTGCGAAAGAGCTGGAGAGTCTTTCGAAGGAGCTGCCGCCATACCTTCGCC  
AACTGTCTAGTGACGATGCCAATGTGCTTGTGTGGCACATGCTCCTGCTGCCAGACCAGCTTCCCTATGG  
CCTCAAAGCCTTCCAAGTGGGATTGATTTCCCAGGGAGTATCCATTCAAGCCTCCACTTTGAGATTC  
ACCACCAAGATCTACCACCCCAACGTCAAGGAGGATGGTCTGGTGTGCCTGCCCTCATCAGCAATGAGA  
ACTGGAAGCCTTACACCAAGCCTTATCAAGTCTTGGAGGCCCTCAATGTGCTGGTGAAGAAACCGAATCT  
GGAAGAGCCTGTGCGTCTGGAACCTTGTGACCTCCTGACTCAGAACCCGGAGATGTTCAGGAAGAAGGCA  
GAAGAGTTCACCTTAAATTCGGAGTGGACCGGCCCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR216380 representing NM\_019949  
Red=Cloning site Green=Tags(s)  
MMASKRYAKELESLSKELPPYLRQLSSDDANVLVWHMLLLPDQLPYGLKAFQVRIDFPREYFPKPTLRF  
TTKIYHPNVREDGLVCLPLISNENWKPYTKPYQVLEALNVLVSKPNLEEPVRLLEADLLTQNPEMFRKKA  
EEFTLKFVDRPS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9042\\_b07.zip](https://cdn.origene.com/chromatograms/mm9042_b07.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_019949

ORF Size: 459 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM\\_019949.2](#), [NP\\_064333.2](#)

RefSeq Size: 1402 bp

RefSeq ORF: 462 bp

Locus ID: 56791

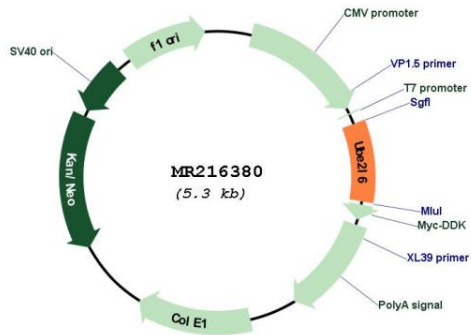
UniProt ID: [Q9QZU9](#)

Cytogenetics: 2 D

MW: 18.3 kDa

Gene Summary: Catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Promotes ubiquitination and subsequent proteasomal degradation of FLT3.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR216380