

## Product datasheet for **RC206711**

### UBE2U (NM\_152489) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: UBE2U (NM\_152489) Human Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: UBE2U  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RC206711 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCACGGCAGAGCTTACCTCTTGCTGCACAGAGACTTCTGTGATCTCAAGGAGAACAATTATAAGGGTA  
 TCACTGCTAAGCCTGTAAGTGAAGATATGATGGAATGGGAAGTTGAAATTGAAGGTCTACAGAATTCAGT  
 TTGGCAGGGTTTAGTCTTCCAACGACAATACATTTTACATCGGAGTACAACATAGCTCCTCCAGTTGTG  
 AAATTTATAACAATTCGGTTTCATCAAATGTAGACCCACACACTGGTCAGCCCTGTATAGACTTTTTGG  
 ACAACCTGAGAAGTGGAAATACAACTATACATTGAGCAGCATCTTACTGGCCCTACAGTTATGCTTTT  
 TAATCCAGTGCTAGAGAATCCAGTGAATTTGGAAGCAGCCAGAATACTGGTTAAAGATGAATCTCTGTAC  
 AGAACAAATCTAAGACTTTTCAACAGGCCATTACAAATGAAAGATGACAGCCAGGAGTTACCTAAAGACC  
 CACGTAATGTATCAGACCAATTAACAACCTCATTTAGTGATTACTACCAGACATGGTCCAGAATAGC  
 TACATCAAAGCCACAGAATACTACAGAACTCCATTGCTCAAAGTTCAAATTTTCATTGGACAGTATTAC  
 AAATGGAAGAAAATGGATCTACAGCATCAGAAAGAATGGAATTTAAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC206711 protein sequence  
 Red=Cloning site Green=Tags(s)

MHGRAYLLLHRDFCDLKENNYKGITAKPVSEDMMEWEVEIEGLQNSVWQGLVFQLTIHFTSEYNYAPPVV  
 KFITIPFHPNVPHTGQPCIDFLDNPEKWNTNYTLSSILLALQVMLSNPVLENPNLEAARILVKDESLY  
 RTILRLFNRPLQMKDSDQLPKDPRKCIKIRPKITTSFSDYYQTSRIATSKATEYRTPLLKVPNFIGQYY  
 KWKKMDLQHQEWNLK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



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Chromatograms: [https://cdn.origene.com/chromatograms/mk6330\\_f02.zip](https://cdn.origene.com/chromatograms/mk6330_f02.zip)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_152489

ORF Size: 678 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\\_152489.3](#)

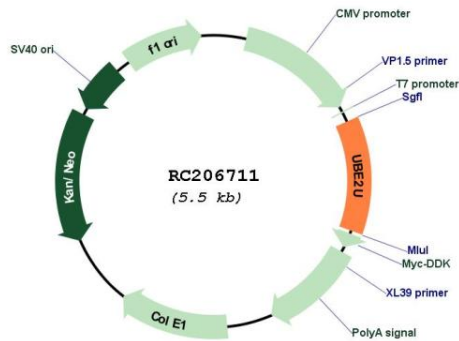
RefSeq Size: 1163 bp

RefSeq ORF: 681 bp

Locus ID: 148581

**UniProt ID:** Q5VVX9  
**Cytogenetics:** 1p31.3  
**Protein Pathways:** Ubiquitin mediated proteolysis  
**MW:** 26.7 kDa  
**Gene Summary:** Catalyzes the covalent attachment of ubiquitin to other proteins.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC206711