

## Product datasheet for **RC230085**

### **UBR2 (NM\_001184801) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	UBR2 (NM_001184801) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UBR2
Synonyms:	bA49A4.1; C6orf133; dj242G1.1; dj392M17.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC230085 representing NM\_001184801  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGTCGGAGCTAGAGCCAGAGGTGCAGGCCATCGACCGAGCTTGCTGGAATGTTTCGGCCGAGGAGA  
 TTGCGGGGAAATGGCTGCAAGCAACTGACCTCACTAGAGAAGTGTACCAGCATTTAGCCCACTATGTACC  
 CAAAATCTACTGCAGGGTCCCAACCTTTTCCACAGAAAAGAAGACATGCTGGCAGCATGTTTTGTTG  
 GGACCAATGGAATGGTACCTTTGTGGTGAAGATCCTGCATTTGGATTTCCAAAACCTTGAGCAAGCAAACA  
 AACCTTCTCATCTTTGTGGTCGTGTTTTAAAGTAGGAGAGCCTACATATTCTTGACAGACTGTGCAGT  
 TGATCCAACCTTGTTTTGTGCATGGAGTGCTTTTGGGAAGTATTCACAGAGATCATCGATATAGGATG  
 ACAACATCAGGAGGTGGAGGTTCTGTGACTGTGGTGATACTGAAGCCTGGAAAGAGGGTCTTACTGTC  
 AAAACATGAACTAACACCTCTGAAATGAGGAAGAAGAGGATCCTCTTGTTCAATATCAGAAGATGT  
 GATAGCAAGAACTTATAACATTTTGTCTATTACGTTTCGGTATGCAGTAGAAATATTAACCTGGGAAAA  
 GAAAGTGAATTGCCAGCAGATTTAGAGATGGTAGAGAAGAGTGACACCTACTATTGCATGCTGTTTAATG  
 ATGAGGTTACACCTATGAACAAGTTATTTATACTCTTCAGAAAGCTGTTAACTGTACACAAAAAGAAGC  
 TATTGGTTTTGCAACTACAGTAGATCGAGATGGGCGTAGGTCTGTTTCGATATGGAGATTTTCAGTATTGT  
 GAGCAAGCAAAATCAGTAATTGTGAGAAATACCAGTAGACAGACAAAGCCACTCAAAGTTCAAGTTATGC  
 ATTCGCTATTGTGCACATCAGAAATTTGGTTTGAACCTTTGTCTTGCTGGGAAAGTATTATTGGATA  
 TTCAGATGGCCTTCGCCGATTTTATGTCAAGTTGGTTTACAAGAAGGCCAGATGGTGAAGTCTTCT  
 CTAGTGGACAGACTGATGCTTAGTATTCAAATATGAAAGAGTGGTCTAGGAGTGTATATCATCAGTTGT  
 TCATGACAGCTGCTTATGGATTTGAAATACAAGAACTATTTGCTGTTTCGATTTGCAAAAAACTATGA  
 CGTTTTGCAGAGTGATTATGTGACAGATGACCACGACAGAGATTTTCAGTGCAGACCTCTCGTTTCAG  
 ATATTCACGGTTCCTTCACTTTTCTATCTCTGCTGGGCGCAGTGGCTCACCTCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC230085 representing NM\_001184801  
 Red=Cloning site Green=Tags(s)

MASELEPEVQAIDRSLLECSAEEIAGKWLQATDLTREVVQHLAHYVPKIYCRGPNPFPQKEDMLAQHVLL  
 GPMEWYLCGEDPAFGFPKLEQANKPSHLGRVFKVGEPTYSCRDCAVDPTCVLCMECFLGSIHRDHRM  
 TTSGGGFCDGDEAWKEGYPYQKHELNTSEIEEEEDPLVHLSIEDVIARTYNIFAITFRYAVEILTWEK  
 ESELPADLEMVEKSDTYCMLFNDEVHTYEQVIYTLQKAVNCTQKEAIGFATTVDNRDGRSVRYGDFQYC  
 EQAKSVIVRNTSRQTKPLKVQVMHSSIVAHQNFGLKLLSWLGSIIIGYSDGLRRILCQVGLQEPDGENSS  
 LVDRLMLSDSKLWKGARSVYHQLFMSSLLMDLKYKFLAVRFAKNYERLQSDYVTDHHDREFSVADLSVQ  
 IFTVPSLFSISAGRSGSPL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja1365\\_e09.zip](https://cdn.origene.com/chromatograms/ja1365_e09.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001184801

**ORF Size:** 1317 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\\_001184801.2](#)

**RefSeq ORF:** 1320 bp

**Locus ID:** 23304

**UniProt ID:** [Q8IWV8](#)

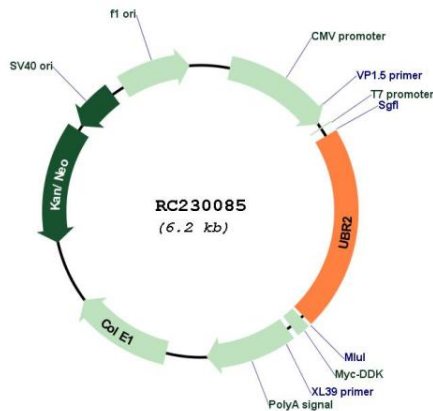
**Cytogenetics:** 6p21.1

**Protein Families:** Druggable Genome

**MW:** 50.4 kDa

**Gene Summary:** This gene encodes an E3 ubiquitin ligase of the N-end rule proteolytic pathway that targets proteins with destabilizing N-terminal residues for polyubiquitylation and proteasome-mediated degradation. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]

**Product images:**



Circular map for RC230085