

## Product datasheet for **RG201792**

### **UBE2N (NM\_003348) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** UBE2N (NM\_003348) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** UBE2N  
**Synonyms:** HEL-S-71; UBC13; UbcH-ben; UbcH13; UBCHBEN  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG201792 representing NM\_003348  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCGGGTGCCCGCAGGATCATCAAGGAAACCCAGCGTTTCTGGCAGAACCAGTTCCTGGCATCA  
AAGCCGAACCAGATGAGAGCAACGCCGTTATTTTCATGTGGTCATTGCTGGCCCTCAGGATTCCTCCCT  
TGAGGGAGGGACTTTAACTTGAATTCCTCCAGAAGAATACCCAATGGCAGCCCTAAAGTACGT  
TTCATGACAAAATTTATCATCCTAATGTAGACAAGTTGGGAAGAATATGTTTAGATATTTGAAAGATA  
AGTGGTCCCAGCACTGCAGATCCGCACAGTTCTGCTATCGATCCAGGCCTTGTTAAGTGCTCCCAATCC  
AGATGATCCATTAGCAAATGATGTAGCGGAGCAGTGGAAGACCAACGAAGCCCAAGCCATAGAAACAGCT  
AGAGCATGGACTAGGCTATATGCCATGAATAATATT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG201792 representing NM\_003348  
**Red=Cloning site Green=Tags(s)**

MAGLPRIIKETQRLLAEPVPGIKAEPDESNAFYFHVVIAGPQDSPFEGGTFKLELFLPEEYPMAPKVR  
FMTKIYHPNVDKLGRIICLDILKDKWSPALQIRTVLLSIQALLSAPNPDDPLANDVAEQWKTNEAQAIETA  
RAWTRLYAMNNI

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI

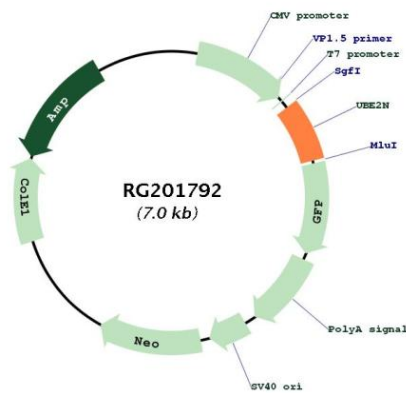


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**Cytogenetics:** 12q22  
**Domains:** UBCC  
**Protein Families:** Druggable Genome  
**Protein Pathways:** Ubiquitin mediated proteolysis  
**Gene Summary:** The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Studies in mouse suggest that this protein plays a role in DNA postreplication repair. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG201792