

## Product datasheet for **RG215865**

### UBE2NL (NM\_001012989) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** UBE2NL (NM\_001012989) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** UBE2NL  
**Synonyms:** Li174  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG215865 representing NM\_001012989  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCGAGCTGCCCCACAGGATCATCAAGGAAACCCAGCGTTTCTGGCAGAGCCAGTTCCTGGCATCA  
 AAGCAGAACCAGATGAAAGCAACGCCCGTTATTTTCATGTGGTCATTGCTGGGAATCAAAGGATCCCC  
 CTTTGAGGGAGGGACTTTTAAACGTGAAGTATTACTTGCAGAAGAATACCAATGGCAGCCCTAAAGTA  
 CGTTTCATGACCAAAATTTATCATCAAATGTAGACAAGTTGAAAGAATAAGTTTAGATATTTGAAAG  
 ATAAGTGGTCCCCAGCCCTGCAGATCCGCACAGTTCTGCTATCGATCCAGGCCTGTAAATGCTCCCAA  
 TCCAGATGATCCATTAGCAAATGATGTAGTGGAGCAGTGAAGACCAACGAAGCCCAAGCCATTGAAACA  
 GCTAGAGCATGGACTAGGCTATATGCCATGAATAGTATT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG215865 representing NM\_001012989  
 Red=Cloning site Green=Tags(s)

MAELPHRIIKETQRLLAEPVPGIKAEPDESNAFYFHVVIAGESKSPFEGGTFKRELLLAEEYPMAAPKV  
 RFMTKIYHPNVKLERISLDILKDKWSPALQIRTVLLSIQALLNAPNPDPLANDVVEQWKTNQAQIET  
 ARAWTRL YAMNSI

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



[View online »](#)



<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001012989.2, NP_001013007.1</u>
<b>RefSeq Size:</b>	1190 bp
<b>RefSeq ORF:</b>	462 bp
<b>Locus ID:</b>	389898
<b>UniProt ID:</b>	<u>Q5JXB2</u>
<b>Cytogenetics:</b>	Xq27.3
<b>Protein Pathways:</b>	Ubiquitin mediated proteolysis
<b>Gene Summary:</b>	This gene is intronless and encodes a member of the ubiquitin-conjugating enzyme family. The protein product is 91% identical to ubiquitin-conjugating enzyme E2N, a multi-exon gene product. This locus represents a polymorphic pseudogene, where some individuals contain an allele that can encode a full-length protein, while others have a non-functional allele containing a premature stop codon (reference SNP rs237520) that truncates the coding sequence. [provided by RefSeq, Jun 2014]