

## Product datasheet for **RR205809**

### Ube2n (NM\_053928) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ube2n (NM\_053928) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ube2n  
**Synonyms:** MGC93937  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR205809 representing NM\_053928  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCCGGGTGCCCGCAGGATCATCAAGGAAACCCAGCGTTTGCTGGCAGAACCAGTTCCTGGCATT  
AAGCAGAACCAGATGAGAGCAACGCCGTTATTTTCATGTGGTCATTGCTGGTCCCAGGATTCCCCTT  
TGAGGGAGGGACTTTTAACTTGAATTCCTCCAGAAGAATACCCAATGGCAGCACCTAAAGTACGT  
TTCATGACCAAAATTTATCATCCTAATGTAGACAAGTTGGGAAGAATATGTTTAGATATTTGAAAGATA  
AGTGGTCCCAGCACTGCAGATCCGAACAGTTCGCTATCAATCCAGGCTTTGTTAAGTGCTCCTAATCC  
AGATGATCCATTAGCAAATGATGTAGCTGAGCAGTGGAAGAGCAACGAAGCCCAAGCCATAGAAACAGCA  
AGAGCATGGACTAGGCTATATGCCATGAACAATATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR205809 representing NM\_053928  
Red=Cloning site Green=Tags(s)

MAGLPRRIKETQRLLAEPVPGIKAEPDESNAFYFHVVIAGPQDSPFEGGTFKLELFLPEEYPMAPKVR  
FMTKIYHPNVDKLGRIKLDILKDKWSPALQIRTVLLSIQALLSAPNPDDPLANDVAEQWKSNEAQAIETA  
RAWTRLYAMNNI

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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<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><a href="#">NM_053928.2</a></u> , <u><a href="#">NP_446380.1</a></u>
<b>RefSeq Size:</b>	1575 bp
<b>RefSeq ORF:</b>	459 bp
<b>Locus ID:</b>	116725
<b>UniProt ID:</b>	<u><a href="#">Q9EQX9</a></u>
<b>Cytogenetics:</b>	7q13
<b>MW:</b>	17.1 kDa
<b>Gene Summary:</b>	mediates ubiquitin-dependent proteolytic pathway; forms a thiolester linkage between the active site cysteine and the ubiquitin, supports conjunction with a third protein, ubiquitin-protein ligase (E3) [RGD, Feb 2006]