

## Product datasheet for RN214565

### Ube2q1 (NM\_001106448) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ube2q1 (NM_001106448) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ube2q1
Synonyms:	Ube2q
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214565 representing NM_001106448 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCAGCAGCCGAGCCGAGGGGAGCAGCAGCCGGGGCCGGGGCAGCAACTGGGGTCCAGGGGGCGG  
CGCCGGGGGCGGGGGCCCGGGAGGGGGCCCGGGCCAGGGCCCTGCCTGAGCGGGAGCTGAAGCT  
GCTCGAGTCCATCTTCCACCGCGCCACGAGCGCTTCCGCATTGCCAGCGCTGCCTGGACGAGCTGAGC  
TGCAGATTCTGCTGGCCGGAGCCGAGGGGCGGGGGCCGGGGTGCGCCCGGACCCCATCTCCCTCCC  
GGGGTTCGGTGGCGGGGACCCCGTCCGCATCCACTGCAACATCACGGAATCATACCTGCTGTGCCCC  
CATCTGGTTCGGTGGAGTCTGATGATCCTAACTGGCTGCTGTCTTGGAGAGGCTGGTGGACATAAAGAAA  
GGGAATACTTTGCTCTTGAGCATCTGAAGAGGATCATCTGACCTGTGTAACTTACAACCTCCCTC  
AGCATCCTGATGTGAAATGCTGGATCAGCCCTTGCCAGCAGAGCAGTGCACGCAGGAAGAAGTATCTTC  
AGAAGACGAAGACGAAGAGATGCCCGAGGATACAGAAGACCTAGATCACTATGAGATGAAAGAGGAGGAG  
CCAGCGGAGGGCAAGAAGTCTGAAGATGATGCCATCGGAAAAGAAAACCTGGCCATCCTAGAGAAAATTA  
AAAAGAACCAGAGGCAAGATTACTTAAATGGTGCAGTGTCTGGCTCGGTGCAGGCCACTGACCCGCTGAT  
GAAGGAGCTCAGGGATATATACCGATCACAGAGTTTCAAAGGCGGAAACTATGCAGTCGAACTCGTGAAT  
GACAGTCTGTATGACTGGAATGTCAAACCTCTCAAAGTTGACCAGGACAGCGCTTGCACAAATGATCTTC  
AGATCCTAAAGGAGAAGGAAGGAGCAGACTTCATCCTACTCAACTTCTCCTTTAAAGATAACTTCCCTT  
TGACCCACCGTTCGTCAGGGTTGTGTCTCCAGTCTCTCTGGAGGGTATGTTCTGGGCGGAGGTGCCATC  
TGCATGGAGCTGCTACCAAGCAGGGCTGGAGCAGCGCTACTCCATAGAGTCCGTGATCATGCAGATCA  
GCGCCACGCTGGTGAAGGGGAAGGCACGGGTGCAGTTCGGAGCCAACAAATCTCAGTATAGTCTGACAAG  
AGCACAGCAGTCTACAAGTCTTGGTGCAGATCCACGAAAAAACGGCTGGTACACACCCCGAAGGAA  
GATGGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001106448
<b>Insert Size:</b>	1269 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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_001106448.2, NP_001099918.1</u>
<b>RefSeq Size:</b>	1832 bp
<b>RefSeq ORF:</b>	1269 bp
<b>Locus ID:</b>	295252
<b>Cytogenetics:</b>	2q34