

## Product datasheet for **RN206428**

### Ubc (NM\_017314) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubc (NM_017314) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206428 representing NM\_017314  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGATCTTTGTGAAAACCTTAAGTGGTAAGACCATCACCTGGAGGTCGAGCCAGTGACACCATTG  
 AAAATGTCAAGGCAAAGATCCAGGACAAGGAGGGCATCCCCCTGACCAGCAGAGGCTGATCTTTGCAGG  
 CAAGCAGCTGGAAGATGGCCGCACCCTGTGAGACTACAACATCCAGAAGGAGTCCACCCTGCACCTGGTC  
 CTGCGCCTCAGAGGGGGCATGCAGATCTTTGTGAAGACCCTGACAGGCAAGACCATCACCTGGAGGTCG  
 AGCCCAGTGACACCATTGAAAATGTCAAGGCAAAGATCCAGGACAAGGAGGGCATCCCCCTGACCAGCA  
 GAGGCTGATCTTTGCAGGCAAGCAGCTGGAAGATGGCCGCACCCTGTGAGACTACAACATCCAGAAGGAG  
 TCCACCTGCACCTGGTCCTTCGCCTCAGAGGGGGCATGCAGATCTTTGTGAAGACCCTGACAGGCAAGA  
 CCATCACCTGGAGGTCGAGCCCAGTGACACCATTGAAAATGTCAAGGCAAAGATCCAGGACAAGGAGGG  
 CATCCCCCTGACCAGCAGAGGCTGATCTTTGCAGGCAAGCAGCTGGAAGATGGCCGCACCCTGTGAGAC  
 TACAACATCCAGAAGGAGTCCACCCTGCACCTGGTCCTTCGCCTCAGAGGGGGCATGCAGATCTTTGTGA  
 AGACCCTGACAGGCAAGACCATCACCTGGAGGTCGAGCCAGTGACACCATTGAAAATGTCAAGGCAAA  
 GATCCAGGACAAGGAGGGCATCCCCCTGACCAGCAGAGGCTGATCTTTGCAGGCAAGCAGCTGGAAGAT  
 GGCCGCACCCTGTGAGACTACAACATCCAGAAGGAGTCCACCCTGCACCTGGTCCTGCGCCTCAGAGGGG  
 GCATGCAGATCTTTGTGAAGACCCTGACAGGCAAGACCATCACCTGGAGGTCGAGCCAGTGACACCAT  
 TGAAAATGTCAAGGCAAAGATCCAGGACAAGGAGGGCATCCCCCTGACCAGCAGAGGCTGATCTTTGCA  
 GGCAAGCAGCTGGAAGATGGCCGCACCCTGTGAGACTACAACATCCAGAAGGAGTCCACCCTGCACCTGG  
 TCCTTCGCCTCAGAGGGGGCATGCAGATCTTTGTGAAGACCCTGACAGGCAAGACCATCACCTGGAGG  
 CGAGCCCAGTGACACCATTGAAAATGTCAAGGCAAAGATCCAGGACAAGGAGGGCATCCCCCTGACCAG  
 CAGAGGCTGATCTTTGCAGGCAAGCAGCTGGAAGATGGCCGCACCCTGTGAGACTACAACATCCAGAAGG  
 AGTCCACCCTGCACCTGGTCCTTCGCCTCAGAGGGGGCATGCAGATCTTTGTGAAGACCCTGACAGGCAA  
 GACCATCACCTGGAGGTCGAGCCAGTGACACCATTGAAAATGTCAAGGCAAAGATCCAGGACAAGGAG  
 GGCATCCCCCTGACCAGCAGAGGCTGATCTTTGCAGGCAAGCAGCTGGAAGATGGCCGCACCCTGTGAG  
 ACTACAACATCCAGAAGGAGTCCACCCTGCACCTGGTCCTTCGCCTCAGAGGGGGCATGCAGATCTTTGT  
 GAAGACCCTGACAGGCAAGACCATCACCTGGAGGTCGAGCCAGTGACACCATTGAAAATGTCAAGGCA  
 AAGATCCAGGACAAGGAGGGCATCCCCCTGACCAGCAGAGGCTGATCTTTGCAGGCAAGCAGCTGGAAG  
 ATGGCCGCACCCTGTGAGACTACAACATCCAGAAGGAGTCCACCCTGCACCTGGTCCTGCGCCTCAGAGG  
 GGCATGCAGATCTTTGTGAAGACCCTGACAGGCAAGACCATCACCTGGAGGTCGAGCCAGTGACACC  
 ATTTGAAAATGTCAAGGCAAAGATCCAGGACAAGGAGGGCATCCCCCTGACCAGCAGAGGCTGATCTTTG  
 CAGGCAAGCAGCTGGAAGATGGCCGCACCCTGTGAGACTACAACATCCAGAAGGAGTCCACCCTGCACCT  
 GGTCTTCGCCTCAGAGGGGGCATGCAGATCTTTGTGAAGACCCTGACAGGCAAGACCATCACCTGGAG  
 GTCGAGCCCAGTGACACCATTGAAAATGTCAAGGCAAAGATCCAGGACAAGGAGGGCATCCCCCTGACC  
 AGCAGAGGCTGATCTTTGCAGGCAAGCAGCTGGAAGATGGCCGCACCCTGTGAGACTACAACATCCAGAA  
 GGAGTCCACCCTGCACCTGGTCCTTCGCCTCAGAGGGGGCATGCAGATCTTTGTGAAGACCCTGACAGGC  
 AAGACCATCACTCTGGAGGTCGAGCCCAGTGTTAACACCAAGAAGGTCAAACAGGAAGATACTCGTACCT  
 TTCTACCACAGTATCTAGAAAGAGCCCTTCTGTGCTTGTCTTGGGTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_017314  
**Insert Size:** 2433 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>	<a href="#">NM_017314.1</a> , <a href="#">NP_059010.1</a>
<b>RefSeq Size:</b>	2545 bp
<b>RefSeq ORF:</b>	2433 bp
<b>Locus ID:</b>	50522
<b>UniProt ID:</b>	<a href="#">Q63429</a>
<b>Cytogenetics:</b>	12q15
<b>Gene Summary:</b>	may play a role in muscle protein catabolism [RGD, Feb 2006]