

## Product datasheet for RN203659

### Ubb (NM\_138895) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubb (NM_138895) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubb
Synonyms:	UBC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203659 representing NM_138895 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAAACTTCGTGAAGACCCTGACCGGCAAGACCATCACCTAGAGGTGGAGCCAGTGACACCATCG  
AGAACGTGAAGGCCAAGATCCAGGATAAAGAGGGCATCCCCCTGACCAGCAGAGGCTCATCTTTGCCGG  
CAAGCAGCTGGAAGATGGCCGACCCCTCTGACTACAACATCCAGAAAGAGTCAACCCTGCACCTGGTC  
CTCCGCTGAGGGGCGGCATGCAGATCTTCGTGAAGACCCTGACCGTCAAGACCATCACCTGGAGGTGG  
AGCCCAGTGACACCATCGAGAACGTGAAGGCCAAGATCCAGGATAAAGAGGGCATCCCCCTGACCAGCA  
GAGGCTCATCTTTGCCGGCAAGCAGCTGGAAGATGGCCGACCCCTCTGATTACAACATCCAGAAAGAG  
TCAACCCTGCACCTTGTCTCCGCTGAGGGGCGGCATGCAGATCTTCGTGAAGACCCTGACCGGCAAGA  
CCATCACCTAGAGGTGGAGCCAGTGACACCATCGAGAACGTGAAGGCCAAGATCCAGGATAAAGAGGG  
CATCCCCCTGACCAGCAGAGGCTCATCTTTGCCGGCAAGCAGCTGGAAGATGGCCGACCCCTCTGAC  
TACAACATCCAGAAGGAGTCAACCCTGCACCTGGTCTCCGCTGAGGGGCGGCATGCAGATCTTCGTGA  
AGACCCTGACCGGCAAGACCATCACCTGGAGGTGGAGCCAGTGACACCATCGAGAACGTGAAGGCCAA  
GATCCAGGATAAAGAGGGCATCCCCCTGACCAGCAGAGGCTCATCTTTGCCGGCAAGCAGCTGGAAGAT  
GGCCGACCCCTCTGATTACAACATCCAGAAAGAGTCAACCCTGCACCTGGTCTCCGCTGAGGGGTG  
GCTATTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_138895



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<b>Insert Size:</b>	918 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><a href="#">NM_138895.2</a></u> , <u><a href="#">NP_620250.2</a></u>
<b>RefSeq Size:</b>	1191 bp
<b>RefSeq ORF:</b>	918 bp
<b>Locus ID:</b>	192255
<b>Cytogenetics:</b>	10q23
<b>Gene Summary:</b>	mediates ATP-dependent degradation of denatured proteins [RGD, Feb 2006]