

Product datasheet for **RR203221**

Ube2t (NM_001108344) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ube2t (NM_001108344) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ube2t
Synonyms: RGD1310816
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203221 representing NM_001108344
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGAGAGCTTCACGCCTGAAGAAAGAACTGCACATGCTAGCCATCGAACCTCCCCAGGCGTCACGT
GCTGGCAGGAAAAGGACAAAATGGATAATTTGCGAGCTCAAATACTAGGTGGAGCCAATACACCTTATGA
GAAAGGTATTTTCACACTGGAAGTTATCGTTCCTGAAAGGTACCCATTTGAGCCACCACAGATCCGATTT
CTGACTCCAATCTATCATCCAAACATTGATTCTAGTGGAAGGATTTGTCTAGATATTCTCAAATTGCCAC
CAAAGGTTGCATGGAGACCGTCCCTCAACATTGCCACTGTATTGACCTCTATTCAGCTGCTCATGGCCGA
GCCCAATCCTGATGACCCACTAATGGCTGACATTTCTTCAGAATTTAAATATAACAAGATCGCTTTTGTG
AAGAAAGCAAGACAGTGGACAGAGACTCATGCAAGACAGAAAACAAAAGGCTGGTGAAGAGGAGGTAGGCA
TCTCATCGGAGGTTGGTACTCTGAGGAAAGCCACTCCACACAGAAAAGGAGGCCAGGCCACTAGGAGG
AATGCAAAAGAGGTTTTCTCCTGATGTTTCAGAGAGTCTGTCTGGTCCCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR203221 representing NM_001108344
Red=Cloning site Green=Tags(s)

MQRASRLKKELHMLAIEPPPGVTCWQEKDKMDNLRAQILGGANTPYEKGIFTLEIVPERYPFEPQIRF
LTPIYHPNIDSSGRICLDILKLPKGAWRPSLNIATVLTSLQLLMAEPNPDPLMADISSEFKYNKIAFV
KKARQWTEHARQKQKAGEEEVGISSEVGDSEESHSTQKRKARPLGGMQKRFSPDVQRVCPGPS

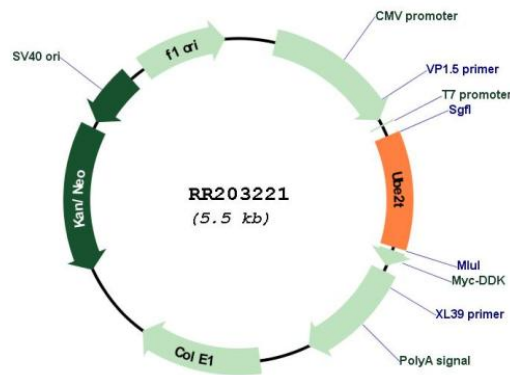
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001108344

ORF Size: 612 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001108344.2](#), [NP_001101814.2](#)

RefSeq Size: 989 bp

RefSeq ORF: 615 bp

Locus ID: 360847

Cytogenetics: 13q13

MW: 23 kDa