

## Product datasheet for **RN200676**

### Ubox5 (NM\_001033997) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubox5 (NM_001033997) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubox5
Synonyms:	RGD1305440
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200676 representing NM\_001033997  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTAATAAATCTTTGCCTCCCTCAGTTCAGACCAAGAATTCAGTCAACAAGGTGTCAGCTGATGGTT  
 ATGAAGTAGAAAATCTCATCTCTGAAGACCTCATAAAGAGAAGCCATGGCTTTAGGACAGAATATTTTCAT  
 TAGACCTCCAATCTACGTGACAGTTTCCTTTCCCTTTAATGTGGAGATCTGTAGGGTTAACATAGATCTC  
 ACAGCTGGGGGATGTCAGAATGTCAGTGGCCTGGAATTATATACTTCTGCCTTATCTAGCAGAGCCCTC  
 AGGATGCACAGGACTGCTGGACTACAGTCTGAGCGAGACATCTGTCCCAGACAAGGAGGCCCTTCACCTT  
 GGTAGGCAAAGTCTTACTGAAAAACCAGAACCATGTAGTGTTCAGTACAGGGGCTTCAAGGCCAGGCCA  
 CCTTTAGTCCAATGGAAGTCACACTCCTCTCCTGCTGTTGTAGCGCAGGATCTCTGGAATAAAGGGG  
 CTTTTCCCTCAGCCATGTGGCCACCTCAAGATCGGCATCACCCATGTGACAGGCAGTGGCATCTCTTG  
 CATCAAGCGTTTAGAGGTGTGGGTGAGCCAGCCAGGACCTGCTCTCAGGAGGTGATAAATAGCATCTTG  
 TCGACAGCCTCAGAAAGCCCTTCTCAGGACTTGGGTCTGCACACTCCAGCCTTGCCCATGGAGAGTGACT  
 ATGACCCTGGGGGTCAATCTGAGGGCCAGCAGTCTCCCTGTACCTTACAGGACATGTCTGAGGTCGTTCA  
 AGACGTGCCAGAGGAGTTCTGGATCCTATCACCTGGAGATCATGCCGTGCCCATGCTTCTGCCCTCG  
 GGCAAGGTCATTGACCAGAGCACTCTGGAGAAGTGAACCTCAGTGAAGCTGCTTGGGGCCGAGTGCCCA  
 GTGACCCTTTCACAGGGTTAGCCTTTACTCCACAGTCCCAGCCCTACCTCATCCTTCTTAAAGGCCCG  
 GATCGACCGTTTCTACTCCAACACTCTATTTAGGCTGCCACCTGCTTGGGAGAGCACAGACTGCATCA  
 GCAATGACCCCTTCTATCATCACTCTGCCCTCAAGGAAAAGGAAGACAGGGCAGGCTGAGCACAGCTCAG  
 ACTATAGTCTTGGCATGAAGGCTTCTTCTCTGCCACAAGCCCTTACTCTCACCTACTCAGAGCC  
 GACTGCCAAGAAGATGAAAGGTGCCAGGAACTGGGCCTGACAGACATGGACTGTTGAGCAGGTCCCGTG  
 TCCCATGAGCAGAAGCTGTGCGAAAGTCTGAAAATTGCCCTGACTTCCACCCTTGCTCCATGCCTTCT  
 TCACTGCCCGGCTCACCAAGGGGAGCTCCAGTGGGCACAAGAGGGAGCAGTGTGTCAGGAGGCCAGC  
 CACCAGCTCCGAGCTTCCAAGGAGTGTGGCCAGAGTGTGCCTCCTGCAGACGAGTGTCTTCTTCTTAC  
 ACCACCAATGAGCCTGTGTACCAGCTGCCCTGTGGCCACCTTCTGTGCCACCCTGCCTGAGTGAGAAGC  
 AACGTTCCAGCCATGATGTGCACAGCCTGCCAGCAGCCGGTACCAGCCAGGATGTGCTGCGGGTCCA  
 TTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001033997

**Insert Size:** 1617 bp

**OTI Disclaimer:** 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).

**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\\_001033997.1](#), [NP\\_001029169.1](#)

**RefSeq Size:** 3686 bp

**RefSeq ORF:** 1617 bp

**Locus ID:** 296161

**Cytogenetics:** 3q36