

Product datasheet for **RN216756**

Tubg2 (NM_001191075) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tubg2 (NM_001191075) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tubg2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216756 representing NM_001191075
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTCTGCCCGCCGGCTGCGGAGAGCCACACTGCACACGCGCAGACACAGCGCCCGCATCAAA
 ACAGCGGGGACAGCGCTTGGGCCAGTGGGCAACCAGATTGGGTTCTGAAACAGCTGTGTGC
 TGAGCATGGCATCAGCCCGAGGGCATCGTAGAGGAGTTCGCCACCGAGGGCACTGACCGCAAGGACGTC
 TTTTCTACCAGGCAGACGATGAGCATTACATCCCCGGGCTGTGCTGCTGGATCTGGAGCCCCGGTGA
 TCCATTCCATCCTCAACTCCTCTATGCCAAGCTCTACAACCCAGAGAACATCTACCTGTCCGAGCATGG
 AGGAGGGGCTGGCAACAACTGGGCCAGGGGATTCTCCAGGGCGAGAAAATTCACGAGGACATCTTTGAC
 ATCATAGACCGAGAAGCAGATGGAAGTGACAGTCTAGAGGGATTGTGCTGTGCTACTCCATTGCTGGG
 GGACAGGTTCCGGTCTGGGCTCCTACCTCTTAGAGCGACTGAATGACAGGTACCCCAAGAAATTGGTGCA
 GACCTACTCTGTGTTTCCCAACCAGGATGAGATGAGTACGTTGGTCCAGCCCTACAACCTCCCTCCTC
 ACCCTAAAGAGGCTGACCCAGAACCGGACTGTGTGGTGGTGTGACAACACCGCCCTGAACCGGATCG
 CCACAGACCGCTGCACATCCAGAACCCTCCTTCTCCAGATCAACCAGCTGGTGTCCACCATCATGTC
 AGCCAGCACCACCCTGCGCTACCCCGGATACATGAACAACGACCTCATCGGCCTCATCGCCTCACTC
 ATTCCCACCCCTCGACTACACTTCTCATGACTGGCTATACCCCTCACCACGGACCAAGTCAAGAG
 CTCCCCAGTGGCCAGTGTGAGGAAGACAACAGTTCTGGATGTCATGAGGAGACTGCTACAGCCCAAGAA
 CGTGATGGTGTCCACAGGCCGGGATCGTCAGACCAACCACTGCTACATCGCCATCCTCAACATCATCCAG
 GGAGAGGTGGACCCACCCAGGTTCAACAAGACCTGCAGAGGATCCGGGAGAGGAAGTTGGCCAACTTTA
 TCCCCTGGGGCCCGCCAGCATCCAGTGGCCCTGTCAAGGAAGTCTCCCTACCTGCCCTCAGCCACCG
 GGTCAGCGGGCTCATGATGGCCAACCACACAGTATCTCCTCGCTTTTGAAGTTCTGCCAGCAGTAT
 GACAAACTGTGGAAGCGGGGGCCTTCTGAGCAGTTCCGCAAAGAGGACATCTCAAGGACAACCTTG
 AGGAGATGGACAGATCCAGGGAGGTGGTGCAGGAGCTCATCGATGAGTATCACGCTGCTACCAGGCCGGA
 CTATATCTCTGGGGCACCCAGGAGCA**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191075
- Insert Size:** 1431 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191075.1](#), [NP_001178004.1](#)

RefSeq Size: 1615 bp

RefSeq ORF: 1431 bp

Locus ID: 680991

Cytogenetics: 10q31