

Product datasheet for **RN202091**

Tub (NM_013077) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tub (NM_013077) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tub
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN202091 representing NM_013077
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGACTTCCAAGCCGATTCCGACTGGATTCCCTACAGTGTCTAGATGATGAGGGCAGCAACCTGAGGC
 AGCAGAAGCTCGACCGGCAGCGGCCCTGTTGGAGCAGAAGCAGAAGAAGCGCCAAGAGCCGCTGAT
 GGTACAGGCCAATGCAGATGGCGGCCCTCGGAGCCGCGTGCCAGGCAGTCAGAGGAGCAAGCCCCCTG
 GTCGAGTCTACCTCAGCAGCAGCGGCAGCACCAGCTACCAAGTTCAGGAGGCCGACTCACTTGCCAGTG
 TACAGCCGGGAGCCACCCGCCACCAGCACCAGCCTCAGCCAAGAAGACCAAGGGAGCAGCTGCATCCGG
 GGGCCAGGGTGGGGCCCCAGGAAGGAGAAGAAGGGAAGCATAAAGGCACCAGCGGGCCAGCAACTCTG
 GCAGAAGACAAGTCTGAGGCCCAAGGCCAGTGAGATCTTGACTGTGGACAGTCAGACCACGCCAAGG
 ATGCAGGGGAGACAGCAGCCGGCGGGGGCGCACAGCCAGCGGGCAGGACCTCCGAGCCACGATGCAGAG
 GAAGGGCATCTCCAGCAGCATGAGCTTTGATGAGGAAGAGGATGAGGATGAAAACAGCTCTAGCTCCTCC
 CAGCTGAACAGCAACACCCGCCCTAGTTCTGCCACGAGCAGGAAGTCCACCAGGGAGGCAGCATCAGCCC
 CCAGCCCAGCAGCCCAGAGCCACCAGTGGATATTGAGGTCCAGGATCTAGAGGAGTTTGCCTGAGGCC
 AGCTCCACAAGGGATCACCATCAAATGCCGAATCACTCGGACAGAAGAAGGCATGGACCGGGCATGTAC
 CCCACCTACTTTCTGCACCTAGACCGTGAAGATGGCAAGAAGGTGTTCTCTTGGCGGGCAGGAAGAGAA
 AGAAGAGTAAACTTCCAATTACCTCATCTCTGTGGACCCGACAGACTTGTCTCGGGGAGGCGATAGCTA
 TATCGGAAATTCGGTCCAACCTGATGGGCACTAAGTTCACCGTTTATGACAATGGCGTCAACCCTCAG
 AAGGCATCATCTTCTACACTGGAAGTGAACCTGCGCCAGGAGCTGGCAGCCGTGTGCTATGAGACAA
 ATGTCTTAGGCTTCAAGGGACCCCGGAAGATGAGTGTGATCGTCCAGGCATGAACATGGTTCATGAGAG
 AGTCTGTATCCGGCCCCGAAATGAACACGAGACGCTGTTAGCACGCTGGCAGAACAAGAACACGGAGAGC
 ATCATTGAGCTGCAGAATAAGACGCCAGTCTGGAATGATGACACGCAGTCTATGTTCTTAATTTCCATG
 GGCGCGTCACACAGGCTTCCGTGAAGAACTCCAGATCATCCACGGCAATGACCCGGACTACATCGTCAT
 GCAGTTTGGCCGGGTAGCAGAAGATGTGTTACCATGGATTACAACACCCGCTGTGTGCACTGCAGGCC
 TTTGCCATCGCTCTGTCCAGCTTTGACAGCAAGCTGGCCTGCGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_013077

Insert Size: 1518 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_013077.1, NP_037209.1

RefSeq Size: 1582 bp

RefSeq ORF: 1518 bp

Locus ID: 25609

UniProt ID: O88808

Cytogenetics: 1q33

Gene Summary: mouse homolog is a gene of unknown function but is involved in maturity-onset obesity accompanied by retinal and cochlear degeneration [RGD, Feb 2006]