

## Product datasheet for **MC221092**

### Ubtf (NM\_001044383) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubtf (NM_001044383) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubtf
Synonyms:	A930005G04Rik; NOR-90; Tcfubf; UBF; UBF-1; UBF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221092 representing NM\_001044383  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAACGGAGAAGCGGACTGTCCCACAGACCTGGAATGGCCGCCCCAAAGGCCAAGACCCTGGTCCC  
 AGGAAGATATGCTGACTCTGCTGGAATGCATGAAGAACAACCTCCCATCCAACGACAGCTCCAAGTTCAA  
 AACACAGAGTCCACATGGATTGGGAAAAAGTTGCGTTTAAAGATTTTTCAGGAGATATGTGCAAGCTC  
 AAATGGGTGGAGATTTCTAACGAGGTAAGGAAGTCCGTACATTGACAGAATTGATCCTTGATGCTCAGG  
 AACATGTTAAAAACCTTACAAAGGCCAAAAAGCTCAAGAAACACCCGGATTTTCCAAAGAAACCTCTCAC  
 CCCTTACTTCGCTTCTTCATGGAGAAGCGGGCCAAGTACGCGAAGCTCCACCCGGAGATGAGCAACCTG  
 GACCTGACTAAGATCCTGTCTAAGAAATACAAGGAAGTCCAGAGAAGAAGAAGATGAAATATATTCAGG  
 ACTTCCAGAGGGAGAAACAGGAGTTCGAGCGAAACCTGGCCCGATTTCAGGGAGGATCACCTGACCTTAT  
 CCAGAATGCCAAGAAGTCGGACATCCCCGAGAAACCCAAACTCCCAGCAACTGTGGTACACCCACGAG  
 AAGAAGGTGATCTCAAAGTGGCCCGGATGAGATTATGCGGGACTATATCCAGAAGCACCTGAGCTGA  
 ACATCAGTGAGGAAGGCATCACCAAGTCCACCCTCACCAAGGCCGAGCGCCAGCTCAAGGACAAGTTCGA  
 TGGGCGACCTACCAAGCCGCTCCGAACAGCTACTCCCTGTAAGTGTGCGGAGCTCATGGCCAACATGAAG  
 GATGTGCCCAGCACAGAGCGCATGGTGCTATGCAGCCAGCAATGGAAGCTGCTCTCTCAGAAGGAGAAGG  
 ATGCCTATCACAAGAAATGTGACCAGAAAAAGAAAGATTATGAGGTAGAGCTGCTGCGGTTCTTGAGAG  
 CTTGCCGAGGAAGAGCAGCAGCGGGTCTGGGGGAGGAGAAGATGCTGAACATCAATAAGAAGCAAACC  
 ACCAGTCCGGCCTCCAAGAAGCCTTACAGGAAGGTGGCAAGGGTGGCTCCGAGAAGCCCAAGCGGCCTG  
 TGCTGCTATGTTTCATCTTCTCTGAGGAGAAGCGAAGGCAGCTACAGGAGGAACGACCTGAGCTCTCCGA  
 AAGCGAACTGACCCGCTTCTGGCCCGCATGTGGAACGACTTGTCCGAGAAGAAGAAGGCTAAATACAAG  
 GCCCGGAGGCTGCGCTGAAGGCGCAGTCTGAGAGGAAGCCGGGCGGGGAGCGTGAAGATAGGGGCAAGC  
 TGCCGGAGTCGCCAAGAGGGCTGAGGAGATCTGGCAGCAGAGTGTATCGGAGACTATCTGGCCCGCTT  
 CAAGAATGACCGGTGAAAGCCTTGAAGCCATGGAGATGACTTGAACAACATGGAGAAGAAGGAGAAG  
 CTGATGTGGATTAAGAAGGCAGCAGAAGACCAAAACGATATGAGAGAGAGTTAAGTGAGATGCGGGCCC  
 CTCCAGCTGTACAACTCTTCCAAGAAGATGAAGTCCAGGGAGAACCAAGAAACCTCCTATGAACGG  
 TTACCAGAAGTCTCCAGGAGCTGCTGTCCAATGGGGAGCTAAATCACCTGCCGCTGAAGGAGCGCATG  
 GTGGAGATTGGCAGCCGCTGGCAGCGCATCTCCAGAGCCAGAAGGAGCACTATAAGAAGCTGGCGGAGG  
 AGCAACAGAGGCAGTACAAGGTGCACTTGGACCTCTGGGTCAAGAGCCTGTCTCCCAGGACCGCGCAGC  
 ATACAAAGAATACATCTCCAATAAAGCTAAGAATGACCAAGCTCCGAGGCCAAACCCCAAGTCTAGC  
 CGGACCACCTGCAGTCCAAGTCGGAGTCCGAGGAGGATGACGATGAGGAGGAGGAGGACGAGGAGG  
 AGGAGGAAGAGGAAGATGATGAGAACGGTACTTCTGAGGATGGCGGGGACTTCTGAGTCCAGCAG  
 TGAAGATGAAAGCGAGGATGGGGATGAGAATGATGATGACGACGACGATGAAGATGACGAAGATGACGAC  
 GATGAGGATGAAGACAACGAGTCTGAGGGCAGTAGCTCCAGCTCTTCATCCTCAGGGGACTCTTCGGATT  
 CTGACTCCAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja2493\\_c02.zip](https://cdn.origene.com/chromatograms/ja2493_c02.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001044383

**Insert Size:** 2184 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_001044383.1](#), [NP\\_001037848.1](#)

**RefSeq Size:** 4458 bp

**RefSeq ORF:** 2184 bp

**Locus ID:** 21429

**Cytogenetics:** 11 D