

## Product datasheet for **MR224812**

### Ubtf (NM\_001044383) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubtf (NM_001044383) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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**ORF Nucleotide Sequence:**

>MR224812 representing NM\_001044383  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACGGAGAAGCGGACTGTCCCACAGACCTGGAATGGCCGCCCCAAAGGCCAAGACCCTGGTCCC  
 AGGAAGATATGCTGACTCTGCTGGAATGCATGAAGAACAACCTCCCATCCAACGACAGCTCCAAGTTCAA  
 AACACAGAGTCGCACATGGATTGGGAAAAAGTTGCGTTTAAAGATTTTTCAGGAGATATGTGCAAGCTC  
 AAATGGGTGGAGATTTCTAACGAGGTAAGGAAGTCCGTACATTGACAGAATTGATCCTTGATGCTCAGG  
 AACATGTTAAAAACCTTACAAAGGCCAAAAAGCTCAAGAAACACCCGGATTTTCCAAAGAAACCTCTCAC  
 CCCTTACTTCGCTTCTCATGGAGAAGCGGGCCAAGTACGCGAAGCTCCACCCGGAGATGAGCAACCTG  
 GACCTGACTAAGATCCTGTCTAAGAAATACAAGGAAGTCCAGAGAAGAAGAAGATGAAATATATTCAGG  
 ACTTCCAGAGGGAGAAACAGGAGTTCGAGCGAAACCTGGCCCGATTCCAGGGAGGATCACCTGACCTTAT  
 CCAGAATGCCAAGAAGTCGGACATCCCCGAGAAACCCAAACTCCCAGCAACTGTGGTACACCCACGAG  
 AAGAAGGTGTATCTCAAAGTGGCCCGGATGAGATTATGCGGGACTATATCCAGAAGCACCTGAGCTGA  
 ACATCAGTGAGGAAGGCATCACCAAGTCCACCCTCACCAAGGCCGAGCGCCAGCTCAAGGACAAGTTCGA  
 TGGGCGACCTACCAAGCCGCTCCGAACAGCTACTCCCTGTACTGTGCGGAGCTCATGGCCAACATGAAG  
 GATGTGCCCAGCAGAGCGCATGGTGCTATGCAGCCAGCAATGGAAGCTGCTCTCTCAGAAGGAGAAGG  
 ATGCCTATCACAAGAAATGTGACCAGAAAAAGAAAGATTATGAGGTAGAGCTGCTGCGGTTCTTTGAGAG  
 CTTGCCGAGGAAGAGCAGCAGCGGGTTCTGGGGGAGGAGAAGATGCTGAACATCAATAAGAAGCAAACC  
 ACCAGTCCGGCTCCAAGAAGCCTTACAGGAAGGTGGCAAGGGTGGCTCCGAGAAGCCCAAGCGGCCTG  
 TGTCTGCTATGTTTCATCTTCTCTGAGGAGAAGCGAAGGCAGCTACAGGAGGAACGACCTGAGCTCTCCGA  
 AAGCGAACTGACCCGCTTCTGGCCCGCATGTGGAACGACTTGTCCGAGAAGAAGAAGGCTAAATACAAG  
 GCCCGGAGGCTGCGCTGAAGGCGCAGTCTGAGAGGAAGCCGGGCGGGAGCGTGAAGATAGGGGAAGC  
 TGCCGGAGTCGCCAAGAGGGCTGAGGAGATCTGGCAGCAGAGTGTATCGGAGACTATCTGGCCCGCTT  
 CAAGAATGACCGGTGAAAGCCTTGAAAGCCATGGAGATGACTTGAACAACATGGAGAAGAAGGAGAAG  
 CTGATGTGGATTAAGAAGGCAGCAGAAGACCAAAAACGATATGAGAGAGAGTTAAGTGAAGTGGGGGCC  
 CTCCAGCTGTACAACTCTTCCAAGAAGATGAAGTCCAGGGAGAACCAAGAAACCTCCTATGAACGG  
 TTACCAGAAGTCTCCAGGAGCTGCTGTCCAATGGGGAGCTAAATCACCTGCCGCTGAAGGAGCGCATG  
 GTGGAGATTGGCAGCCGCTGGCAGCGCATCTCCAGAGCCAGAAGGAGCACTATAAGAAGCTGGCGGAGG  
 AGCAACAGAGGCAGTACAAGGTGCACTTGGACCTCTGGGTCAAGAGCCTGTCTCCCAGGACCGCGCAGC  
 ATACAAAGAATACATCTCCAATAAAGCTAAGAACATGACCAAGCTCCGAGGCCAAACCCCAAGTCTAGC  
 CGGACCACCTGCAGTCCAAGTCGGAGTCCGAGGAGGATGACGATGAGGAGGAGGAGGACGAGGAGG  
 AGGAGGAAGAGGAAGATGATGAGAACGGTACTCTTCTGAGGATGGCGGGGACTCTTCTGAGTCCAGCAG  
 TGAAGATGAAAGCGAGGATGGGGATGAGAATGATGATGACGACGACGATGAAGATGACGAAGATGACGAC  
 GATGAGGATGAAGACAACGAGTCTGAGGGCAGTAGCTCCAGCTCTTATCCTCAGGGGACTCTTCGGATT  
 CTGACTCCAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR224812 representing NM\_001044383  
 Red=Cloning site Green=Tags(s)

MNGEADCPTDLEMAAPKGQDRWSQEDMLTLLCEMKNLPSNDSSKFKTTESHMDWEKVAFKDFSGDMCKL  
 KWVEISNEVRKFRRTLTELILDAQEHVKNPYKGGKLLKHPDFPKKPLTPYFRFFMEKRAKYAKLHPMSNL  
 DLTKILSKKYKELPEKKMKYIQDFQREKQEFERNLARFREDHPDLIQNAKSDIPEKPKTPQQLWYTHE  
 KKVYLKVRPDEIMRDYIQKHPELNI SEEGITKSTLTKAERQLKDKFDGRPTKPPNSYSLYCAELMANMK  
 DVPSTERMVLCSQQWLLSQKEKDAYHKKCDQKKDYEVLLRFLESLPEEEQQRVLGEEKMLNINKKQT  
 TSPASKKPSQEGGKGGSEKPRPVSAMFIFSEEKRRQLQEERPELSESELTRLLARMWNDLSEKKKAKYK  
 AREAALKAQSERKPGGEREDRGKLPESPKRAEEIWQQSVIGDYLARFKNDRVKALKAMEMTWNMEKKEK  
 LMWIKKAAEDQKRYERELSEMRAPPAATNSSKMKFKQGEPPKPPMNGYQKFSQELLNGLNHLPLKERM  
 VEIGSRWQRISSQKEHYKLAEEQQRQYKVLHDLVWKSLSPODRAAYKEYISNKRKNMTKLRGPNPKSS  
 RTTLQSKSESEDDDEEEEDDEEEEDDENGDSSEGGDSSESSSESESESGDENDDDDDDEDDDD  
 DEDEDNESEGSSSSSSSSGSDSDSN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001044383

**ORF Size:** 2181 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](#)

**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\\_001044383.3](#)

**RefSeq Size:** 4458 bp

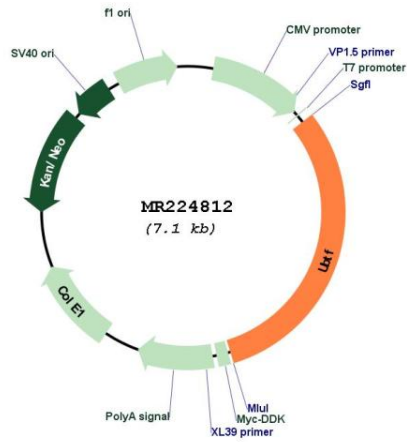
**RefSeq ORF:** 2184 bp

**Locus ID:** 21429

**Cytogenetics:** 11 D

**MW:** 85.5 kDa

Product images:



Circular map for MR224812