

## Product datasheet for **MG223992**

### Ubtf (NM\_011551) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubtf (NM_011551) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ubtf
Synonyms:	A930005G04Rik; NOR-90; Tcfubf; UBF; UBF-1; UBF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG223992 representing NM\_011551  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAACGGAGAAGCGACTGTCCCACAGACCTGGAATGGCCGCCCCAAAGGCCAAGACCCTGGTCCC  
 AGGAAGATATGCTGACTCTGCTGGAATGCATGAAGAACAACCTCCCATCCAACGACAGCTCCAAGTTCAA  
 AACACAGAGTCCACATGGATTGGGAAAAAGTTGCGTTTAAGGATTTTTAGGAGATATGTGCAAGCTC  
 AAATGGGTGGAGATTTCTAACGAGGTAAGGAAGTCCGTACATTGACAGAATTGATCCTTGATGCTCAGG  
 AACATGTTAAAAACCTTACAAAGGCCAAAAAGCTCAAGAAACACCCGGATTTTCCAAAGAAACCTCTCAC  
 CCCTTACTTCGCTTCTTATGGAGAAGCGGGCCAAAGTACGCGAAGCTCCACCCGGAGATGAGCAACCTG  
 GACCTGACTAAGATCCTGTCTAAGAAATACAAGGAAGTCCAGAGAAGAAGAAGATGAAATATATTCAGG  
 ACTTCCAGAGGGAGAAACAGGAGTTCGAGCGAAACCTGGCCCGATTCCAGGGAGGATCACCTGACCTTAT  
 CCAGAATGCCAAGAAGTCGGACATCCCCGAGAAACCCAAACTCCCAGCAACTGTGGTACACCCACGAG  
 AAGAAGGTGTATCTCAAAGTGGCGCCGGATGCCACTACGAAGGAGGTGAAGGACTCCCTGGGGAAGCAGT  
 GGTCTCAGCTCTCGGACAAAAAGAGGCTGAAATGGATTATAAGGCCCTGGAGCAGCGGAAGGAGTACGA  
 GGAGATTATGCGGGACTATATCCAGAAGCACCTGAGCTGAACATCAGTGAGGAAGGCATCACCAAGTCC  
 ACCCTCACCAAGGCCGAGCGCCAGCTCAAGGACAAGTTCGATGGGCGACCTACCAAGCCGCTCCGAACA  
 GCTACTCCCTGTACTGTGCGGAGCTCATGGCCAACATGAAGGATGTGCCAGCACAGAGCGCATGGTGCT  
 ATGCAGCCAGCAATGGAAGCTGCTCTCTCAGAAGGAGAAGGATGCCTATCACAAGAAATGTGACCAGAAA  
 AAGAAAGATTATGAGGTAGAGCTGCTGCGGTTCCCTTGAGAGCTTGCCGGAGGAAGAGCAGCAGCGGGTTC  
 TGGGGGAGGAGAAGATGCTGAACATCAATAAGAAGCAAACCCAGTCCGCGCTCCAAGAAGCCTTCACA  
 GGAAGGTGGCAAGGGTGGCTCCGAGAAGCCAAAGCGGCCTGTGTCTGCTATGTTTCATCTTCTGAGGAG  
 AAGCGAAGGCAGCTACAGGAGGAACGACCTGAGCTCTCCGAAAGCGAACTGACCCGCCTTCTGGCCCGCA  
 TGTGGAACGACTTGTCCGAGAAGAAGAAGGCTAAATACAAGGCCCGGGAGGCTGCGCTGAAGGCGCAGTC  
 TGAGAGGAAGCCGGGCGGGGAGCGTGAAGATAGGGGCAAGCTGCCGGAGTCGCCAAGAGGGCTGAGGAG  
 ATCTGGCAGCAGAGTGTATCGGAGACTATCTGGCCCGCTTCAAGAATGACCGGGTGAAGCCTTGAAG  
 CCATGGAGATGACTTGAACAACATGGAGAAGAAGGAGAAGCTGATGTGGATTAAGAAGGCAGCAGAAGA  
 CCAAAAACGATATGAGAGAGAGTTAAGTGAGATGCGGGCCCTCCAGCTGCTACAAACTCTTCCAAGAAG  
 ATGAAGTTCAGGGAGAACCAAGAAACCTCCTATGAACGGTTACCAGAAGTTCCTCCAGGAGCTGCTGT  
 CCAATGGGGAGCTAAATCACCTGCCGCTGAAGGAGCGCATGGTGGAGATTGGCAGCCGCTGGCAGCGCAT  
 CTCCCAGAGCCAGAAGGAGCACTATAAGAAGCTGGCGGAGGAGCAACAGAGGCAGTACAAGGTGCACTTG  
 GACCTCTGGGTCAAGAGCCTGTCTCCCCAGGACCGCGCAGCATACAAAGAATACATCTCCAATAAACGTA  
 AGAACATGACCAAGCTCCGAGGCCAAACCCCAAGTCTAGCCGGACCACCTGCAGTCCAAGTCCGGAGTC  
 CGAGGAGGATGACGATGAGGAGGAGGAGGACGACGAGGAGGAGGAGGAAGAGGAAGATGATGAGAACGGT  
 GACTCTTCTGAGGATGGCGGGGACTCTTCTGAGTCCAGCAGTGAAGATGAAAGCGAGGATGGGGATGAGA  
 ATGATGATGACGACGACGATGAAGATGACGAAGATGACGACGATGAGGATGAAGACAACGAGTCTGAGGG  
 CAGTAGCTCCAGCTCTTCATCTCAGGGGACTTTCGGATTCTGACTCCAAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG223992 representing NM\_011551  
Red=Cloning site Green=Tags(s)

MNGEADCPTDLEMAAPKGQDRWSQEDMLTLLCEMKNNLPSNDSSKFKTTESHMDWEKVAFKDFSGDMCKL  
 KWVEISNEVRKFRTLTELILDAQEHVKNPYKGGKLLKHPDFPKKPLTPYFRFFMEKRAKYAKLHPMSNL  
 DLTKILSKYKELPEKKMKYIQDFQREKQEFERNLARFREDHPDLIQNAKKSIDIPEKPTPQQLWYTHE  
 KKVYLKVRPDATTKVEKDSL GKQWSQLSDKKRLKWIHKALEQRKEYEEMRDYIQKHPELNI SEEGITKS  
 TLTKAERQLKDKFDGRPTKPPNSYSLYCAELMANMKDVPSTERMVLCSQQWKL LSQKEKDAYHKKCDQK  
 KKDYEVELLRFLLESLPEEEQQRVLGEEKMLNINKKQTTSPASKKPSQEGGKGGSEKPRPVSAMFIFSEE  
 KRRQLQEERPELSESELTRLLARMWNDLSEKKAKYKAREAAKAQSERKPGGEREDRGKLPESPKRAEE  
 IWQQSVIGDYLARFKNDRVKALKAMEMTWNMEKKEKLMWIKKAAEDQKRYERELSEMRAPPAATNSSKK  
 MKFQGEPPKPPMNGYQKFSQELL SNGELNHLPLKERMVEIGSRWQRI SQSQKEHYKLLAEEQQRQYKVHL  
 DLVWVSLSPQDRAAYKEYISNRKNMTKLRGPNPKSSRTLQSKSESEDDDEEEEDDEEEEDDENG  
 DSSEDGGDSSESSSEDESEDGDENDDDDDEDDDEDDDEDEDNESESSSSSSSSGSDSSSDSN

TRTRPLE - GFP Tag - V

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1350\\_a01.zip](https://cdn.origene.com/chromatograms/ja1350_a01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

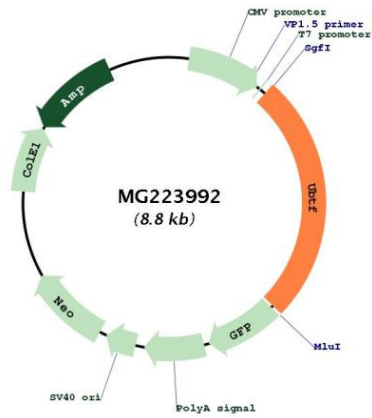


**ACCN:** NM\_011551

**ORF Size:** 2292 bp

<b>OTI Disclaimer:</b>	<p>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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_011551.7</a>
<b>RefSeq Size:</b>	4704 bp
<b>RefSeq ORF:</b>	2295 bp
<b>Locus ID:</b>	21429
<b>Cytogenetics:</b>	11 D

Product images:



Circular map for MG223992