

## Product datasheet for **MG209454**

### **Ubtf (BC096445) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ubtf (BC096445) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ubtf
Synonyms:	UBF1, NOR-90, UBF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG209454 representing BC096445  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACGGAGAAGCGGACTGTCCCACAGACCTGGAATGGCCGCCCCAAAGGCCAAGACCCTGGTCCC  
 AGGAAGATATGCTGACTCTGCTGGAATGCATGAAGAACAACCTCCCATCCAACGACAGCTCCAAGTTCAA  
 AACACAGAGTCGCACATGGATTGGGAAAAAGTTGCGTTTAAAGATTTTTAGGAGATATGTGCAAGCTC  
 AAATGGGTGGAGATTTCTAACGAGGTAAGGAAGTCCGTACATTGACAGAATTGATCCTCGATGCTCAGG  
 AACATGTTAAAAACCTTACAAAGGCCAAAAAGCTCAAGAAACACCCGGATTTTCAAAGAAACCTCTCAC  
 CCCTTACTTCGCTTCTCATGGAGAAGCGGGCAAGTACGCGAAGCTCCACCCGGAGATGAGCAACCTG  
 GACCTGACTAAGATCCTGTCTAAGAAATACAAGGAAGTCCAGAGAAGAAGAAGATGAAATATATTCAGG  
 ACTTCCAGAGGGAGAAACAGGAGTTCGAGCGAAACCTGGCCCGATTTCAGGGAGGATCACCTGACCTTAT  
 CCAGAATGCCAAGAAGTCGGACATCCCCGAGAAACCCAAACTCCCAGCAACTGTGGTACACCCACGAG  
 AAGAAGGTGATCTCAAAGTGGCCCGGATGAGATTATGCGGGACTATATCCAGAAGCACCTGAGCTGA  
 ACATCAGTGAGGAAGGCATCACCAAGTCCACCCTCACCAAGGCCGAGCGCCAGCTCAAGGACAAGTTCGA  
 TGGGCGACCTACCAAGCCGCTCCGAACAGCTACTCCCTGTACTGTGCGGAGCTCATGGCCAACATGAAG  
 GATGTGCCCAGCACAGAGCGCATGGTGCTATGCAGCCAGCAATGGAAGCTGCTCTCTCAGAAGGAGAAGG  
 ATGCTATCACAAGAAATGTGACCAGAAAAAGAAAGATTATGAGGTAGAGCTGCTGCGGTTCTTGGAGAG  
 CTTGCCGAGGAAGAGCAGCAGCGGGTCTGGGGGAGGAGAAGATGCTGAACATCAATAAGAAGCAAACC  
 ACCAGTCCGGCTCCAAGAAGCCTTACAGGAAGGTGGCAAGGGTGGCTCCGAGAAGCCAAAGCGGCTG  
 TGCTGTCTATGTTTCATCTCTCTGAGGAGAAGCGAAGGCAGCTACAGGAGGAACGACCTGAGCTCTCCGA  
 AAGCGAACTGACCCGCTTCTGGCCCGCATGTGGAACGACTTGTCCGAGAAGAAGAAGGCTAAATACAAG  
 GCCCGGAGGCTGCACTGAAGGCGCAGTCTGAGAGGAAGCCGGCGGGGAGCGTGAAGATAGGGGCAAGC  
 TGCCGGAGTCGCCAAGAGGGCTGAGGAGATCTGGCAGCAGAGTGTATCGGAGACTATCTGGCCGCTT  
 CAAGAATGACCGGTGAAAGCCTTGAAGCCATGGAGATGACTTGAACAACATGGAGAAGAAGGAGAAG  
 GAAAAAAGAAGAAGAGGAGGAAGAGGAGGAGGAGGAGGAGAAGAAGGAGAAGAAGAAGAAGAAGAAG  
 AAGA  
 AGA  
 GAAGAAGACAGACAGACAAAAAGACAAATGGATCTTCTGCTCACCTTTCCCTTCTGCTCACTCA  
 TGTGGACCTCATATAAGGGAAAGATACTCTCAACCTCTTGTATTTGGAGAGTTTTGAGCAGACAGGTAGA  
 AGATGGAGCCTGGGAGCAGCTGTTTTTCAA

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG209454 representing BC096445  
 Red=Cloning site Green=Tags(s)

MNGEADCPTDLEMAAPKQDRWSQEDMLTLLCEMKNLPSNDSSKFKTTESHMDWEKVAFKDFSGDMCKL  
 KWVEISNEVRKFRTELTELILDAQEHVKNPYKGGKLLKKHPDFPKKPLTPYFRFFMEKRKAKYLHPMSNL  
 DLTKILSKKYKELPEKKMKYIQDFQREKQEFERNLARFREDHPDLIQNAKKSIDIPEKPKTPQQLWYTHE  
 KKVYLKVRPDEIMRDIQKHPELNISEEGITKSTLTKAERQLKDKFDGRPTKPPNSYSLYCAELMANMK  
 DVPSTERMVLCSQQWLLSQKEKDAYHKKDQKKDYEVLLRFLESLEPEEQQRVLGEEKMLNINKKQT  
 TSPASKKPSQEGKGGSEKPKRPVSAMFIFSEEKRRQLQEERPELSESELTRLLARMWNDLSEKKKAKYK  
 AREAALKAQSERKPGGEREDRGKLPESPKRAEEIWQSSVIGDYLARFKNDRVKALKAMEMTWNMEKKEK  
 EKRRRGGRRGGGGEGEE  
 EERQTDKKTNGSFLVSPFPFLSLMWTSYKGIKILSTSCIWRVLSRQVEDGAWQLFFQ

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI



<b>OTI Disclaimer:</b>	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>
<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="#">BC096445</a>
<b>RefSeq Size:</b>	2071 bp
<b>RefSeq ORF:</b>	1853 bp
<b>Locus ID:</b>	21429
<b>Cytogenetics:</b>	11 D