

## Product datasheet for **MG202471**

### Thap3 (NM\_175152) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Thap3 (NM_175152) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Thap3
Synonyms:	2010013E08Rik; 2210418H06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202471 representing NM_175152 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGAAGTCTTGCGCGGCCCGGCAATGCTGCAACCGCTACAGCAGCCGAGGAAGCAGCTCACCTTCC  
ACCGGTTCCCTTCAGCCGCCCGGAGCTGTTGAGGGAGTGGGTGCTCAACATCGGCCGGGCTGACTTCAA  
GCCTAAGCAGCACACAGTCATCTGCTCGGAACACTTCAGACCCGAGTGCTTCAGCGCCTTTGGGAACCGC  
AAGAACCTGAAACACAATGCTGTGCCACGGTGTTCGCTTTTCAGAACCCACAGAGGTCTGCCCTGAGG  
TGGGGGCTGGTGGGACAGCTCAGGGAGGAACATGGACACCACACTGGAAGAACTTCAGCCTCCAACCCC  
GGAAGGCCCGTGCAGCAGGTCTTACCAGATCGAGAAGCAATGGAGGCCACGGAGCCGCTGGCCTGCCT  
GCCAGCCCTCTGGGTTGAAGAGGCCCTTCCGGGACAGCCGTCTGATCACAGCTATGCCCTTTCGGACT  
TGGATACCCTCAAAAAAAAACTTTCTCACACTGAAGGAAAACAAGAGGCTTCGGAAGCGGCTGAAAGC  
CCAGAGGCTGCTGTTGCGGAGGACATGTGGCCGCTGAGAGCCTACAGAGAGGGACAGCCGGGACCTCGG  
GCCAGACGGCCGGCACAGGGAAGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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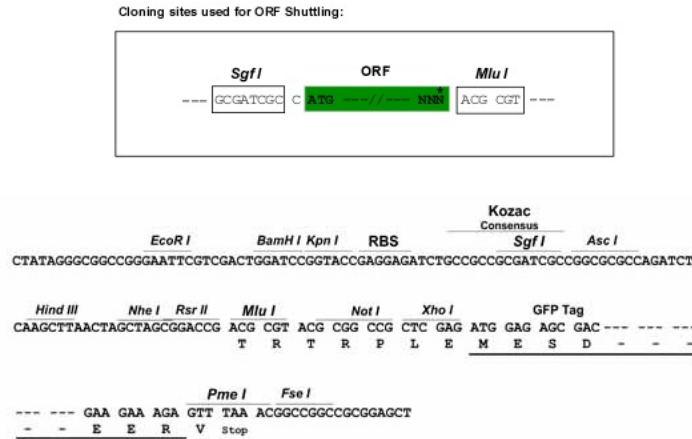
**Protein Sequence:** >MG202471 representing NM\_175152  
 Red=Cloning site Green=Tags(s)

MPKSCAARQCCNRYSSRRKQLTFHRFPFSRPELLREWVLNIGRADFKPKQHTVICSEHFRPECFSAFGNR  
 KNLKHNVAVPTVFAFQNPTEVCPEVGAGGDSSGRNMDTTLEELQPPTPEGPVQQVLPDREAMEATEAAGLP  
 ASPLGLKRPLPGQPSDHSYALSDLDTLKKKLFLLTKENKRLRKRLKAQRLLLRRTCGRLRAYREGQPGPR  
 ARRPAQGS

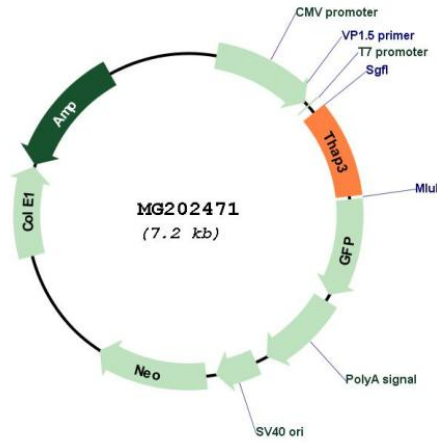
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_175152

**ORF Size:** 654 bp

<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="#">NM_175152.4</a> , <a href="#">NP_780361.2</a>
<b>RefSeq Size:</b>	1128 bp
<b>RefSeq ORF:</b>	657 bp
<b>Locus ID:</b>	69876
<b>UniProt ID:</b>	<a href="#">Q8BJ25</a>
<b>Cytogenetics:</b>	4 E2
<b>Gene Summary:</b>	Component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1.[UniProtKB/Swiss-Prot Function]