

## Product datasheet for **MG224312**

### Tnfaip6 (NM\_009398) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfaip6 (NM_009398) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tnfaip6
Synonyms:	Tnfip6; TSG-6; Tsg6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG224312 representing NM_009398 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTCGTCTCCTTTGCTTATGCGTCTTGCTGTGGGAAGAGGCTCACGGATGGGGATTCAAGAACGGGA  
TCTTTCAAACTCCATATGGCTTGAACAAGCAGCGGGCGTATACCACAGAGAAGCTCGGGCTGGCAGATA  
CAAGCTCACCTACGCCAAGCCAAGGCCGATGTGAATTTGAAGGTGGTCGTCGCAACCTACAAGCAG  
CTAGAGGCAGCCAGAAAAATTGGATTCCATGTCTGTGCTGCTGGATGGATGGCCAAGGGTAGAGTCGGAT  
ACCCATTGTGAAACCTGGGCCAACTGTGGATTTGGGAAAACGGGTATCATCGATTATGGAATCCGGCT  
CAACAGGAGTGAGCGATGGGATGCCTATTGCTACAACCCACATGCAAAGGAGTGTGGTGGTGTCTTCACA  
GATCCGAAGCGAATTTTTAAATCCCGGGCTTCCCAAATGAGTAGCATGACAACCAGGTCTGCTACTGGC  
ACATTCGGCTCAAGTACGGTCAGCGAATTCACCTGAGCTTTTTGGACTTTGACCTTGAACATGATCCAGG  
CTGCTTGGCTGACTATGTAGAAATCTATGACAGTTATGATGACGTCCACGGCTTTGTAGGAAGATACTGT  
GGTATGAACTTCCAGAAGACATCATTAGCACAGGAAATGTCATGACCTTGAAGTTTCTGAGTGATGCAT  
CCGTACGGCTGGAGGCTTCCAGATTAATACGTCACAGTGGATCCTGCATCTAAATCCAGTCAAGCCAA  
AAATAAAGTACTACTGGAATAAGAAGTCTTACCTGGAAGTTTAGCCATCTA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG224312 representing NM\_009398  
 Red=Cloning site Green=Tags(s)

MVLLCLCVLLWEEAHGWGFKNGIFHNSIWLEQAAGVYHREARAGRYKLTAEAKAVCFEGGRLATYKQ  
 LEAARKIGFHVCAAGWMAKGRVGYPIVKPGPNCGFGKTGIIDYGIRLNRSERWDAYCYNPHAKECGGVFT  
 DPKRIFKSPGFPNEYDDNQVCYWHIRLKYGQRIHLSFLDFDLEHDPGCLADYVEIYDSYDDVHGFVGRYC  
 GDELPEDIISTGNVMTLKFLLSDASVTAGGFQIKYVTVDPASKSSQAKNTSTTGNKKFLPGRF SHL

TRTRPLE - GFP Tag - V

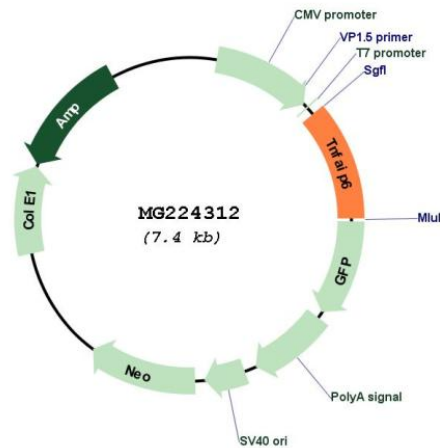
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_009398

**ORF Size:** 825 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_009398.2</a> , <a href="#">NP_033424.1</a>
<b>RefSeq Size:</b>	1601 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	21930
<b>UniProt ID:</b>	<a href="#">O08859</a>
<b>Cytogenetics:</b>	2 C1.1
<b>Gene Summary:</b>	Possibly involved in cell-cell and cell-matrix interactions during inflammation and tumorigenesis.[UniProtKB/Swiss-Prot Function]