

## Product datasheet for **MG212467**

### Ifit3b (NM\_001005858) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ifit3b (NM_001005858) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ifit3b
Synonyms:	I830012O16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG212467 representing NM_001005858 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGAGGTCAACCGGAATCTCTGGAAGCAATCCTCCACAGCTGAAGTGCCATTTACCTGGAATT  
TATTCAGGAAGGAAGTATGTCCAGTCATATGGAAGACAGGGTGTGCAACCAGCTCGAACATTTAAACTC  
TGAGGAGAAGGCAACAATGTATGACTTATTGGCCTACATAAAGCACCTAGATGGCGAAAGCAAGGCCGCC  
CTGGAGTGCTTAGGGCAAGCTGAAGATTAAGGAAGTCAGAGCACAAAGATCAAGCAGAAATTCGCCGAC  
TGGTCACGTGGGAAACTACGCCTGGATCTACTATCACATGGGCCGTCTCTCAGAAGCTCAGGCTTACGT  
TGACAAGGTGAGACAAGTTTGCCAAAAGTTTGCGAATCCTTACAGCATGGAATGCCCAGAACTTGAATGT  
GAGGAAGGATGGACACGCCTAAAGTGTGGAAGAAATGAACGAGCAAAAATGTGCTTTGAAAAGGCTCTAG  
AAGAGAAGCCCAAGGACCCAGAGTGCTCCTCTGGGATGGCCATCGCCATGTTCCGCCTAGAAGAAAAACC  
TGAGAAGCAGTTCTCCGTGGATGCTCTGAAGCAGGCCATGGAGTTGAATCCTCAGAACCAGTACGTGAAA  
GTTCTCCTGGCCCTGAACTGCTGAGGATGGGAGAAGAAGCTGAAGGGGAGCGATTGATTAAGATGCTT  
TGGGAAAGCTCCTAATCAAACGGATGTCTCCTCCAAAAGGCAGCTCAGTTTACAAGAAAAAGGTAACCT  
AGACAGAGCTATTGAGTTACTTGGAAAAGCACTGCGATCCACAGTGAACAACAGTCCCCTCTACTCTTTG  
GTCATGTGCCGTTACAGGAAATCTGGAGCAGCTACAGAATAAAGGAGATGCTGACAGCAGTGAGAGAA  
GACAGAGGATGGCAGAACTGAGACGATTAACGATGGAGTTTCATGCAGAAGACTCTTCAGAGGAGCGGAAG  
TCTTTGAACTCCTACTCAGATCTCATCGATTTCCCGGAAGTAGAGAGATGCTATCAGATGGTCATCAGT  
AAGGAGAGCCCCGATGTTGAGGAAGAAGACCTCTATGAGCGCTATTGCAACCTCCAGGAGTACCACAGGA  
AGTCTGAAGACCTCGCAGCCCTGGAGTGTGTTGTCAGTTTCCAGAAAATGAAAGGTCAATCGAGAAGGA  
AGAGGTTAAACAGCAAACA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG212467 representing NM\_001005858  
 Red=Cloning site Green=Tags(s)

MSEVNRESLEAILPQLKCHFTWNLFRGSMSSHMEDRVCNQLEHLNSEEKATMYDLLAYIKHLDGESKAA  
 LECLGQAEDLRKSEHKDQAEIRRLVTWGNyawIYYHMGRLESEAQAYVDKVRQVCQKFANPYSMECPELEC  
 EEGWTRLKCGRNERAKMCFEKALEEKPKDPECCSSGMAIAMFRLEEKPEKQFSVDALKQAMELNPQNQYVK  
 VLLALKLLRMGEEAEGERLIKDALGKAPNQTDVLQKAAQFYKKKGNLDRAIELLGGALRSTVNNSPLYSL  
 VMCRYREILEQLQNKGDADSSERRQMAELRRLTMEFMQKTLQRRRSPLNSYSDLIDFPEVERCYQMVIS  
 KESPDVEEEDLYERYCNLQEYHRKSEDLAALECLLQFPRNERSIEKEEVKQQT

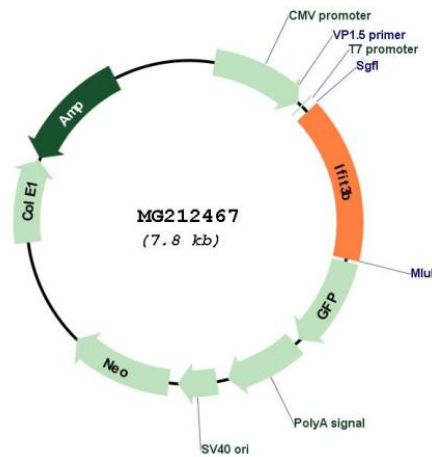
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001005858

<b>ORF Size:</b>	1209 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_001005858.3</a> , <a href="#">NP_001005858.2</a>
<b>RefSeq Size:</b>	2013 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	667370
<b>Cytogenetics:</b>	19 C1