

## Product datasheet for **MG212337**

### Zfp947 (NM\_177596) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp947 (NM_177596) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp947
Synonyms:	6720451E15; EG210853; Gm4769
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG212337 representing NM_177596 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATGCTTCTCTCCTAAATGCTCCTCAGAGTCAGATAACATTCAAGGACGTGGCTATGCACTTCTCAC  
AGGAGGAATGGGAATGTCTTGACTGTGCTCAGAGGCATTGTACATGGATGTGATGTTGGAGAATTACAA  
TAATCTGTTTTTGTGGAGAATCATTGCATGTGTCTAAATTTGAGAACATGTTGGATCAAGACCTACAG  
CATATTATCCACAAGCATGCAAAATCCAAGTAAATCTTATGAATGTCATGAGCTTGGCAAAGTCATCC  
ATGAGTTCACCGAAGTATACCTTATAAACTAACCTCAGGTCTACATCTGTTGAATCATCAAACCTAAG  
CAGACATGAAACTAAAAACAACAGAGAACCTTACAAATATAAAAACCATGTAAACTGTTTCAATTTGTGC  
TCTACCATTAGTCGAAATCAAGGAATCAAGATAGGAAGGAAAGAATACAATAGTGCAAACTTGATAATG  
TTTTTGACTCTAAAGAAACCTCATGTTGAAACAAACAAAAGTGGAAAGACACCTTACAAATGTAGTGA  
ATGTGCCAAATGTTTTGCCAAGAAATGCTGGTTTAGAAAACATCAGATAACTCATACAGGAGAGAAACCC  
TACAAATGTAGTGAATGTGATAAATCCTTACCAGAAAGGCAGTCTTAGTATTCATCAGATGCGTCATT  
CAGGCAAAGAACCTTACAAATGTAGTGAATGTACCAATGTTTTGCCAGAAATGCTGGTTTAGAAAACA  
TCAGAGAATTCATACAGGAGAGAAACCTTACAAATGTAGTGAATGTGGCAAATCCTTACCACAAAAAGC  
AGTCTTAGTATTCATCAGATGTATCATAAGCAAGAAACCTTACAAATGTAGTGAATGTGAGAAATGTT  
TCATTCAAGTTGGTGATCTTAGAAGACATGAGAGAATTCATACAGGAGAGAAACCTTACAAATGTAAATGA  
ATGTGACAAATGCTTTAGGTATAAAGCAGCCTTAGAAGTCATCAGAGAGTTCATAAAGGGGAGAAGCCT  
TACAAATGTAGTGAATGTGACAAATACTTTCCACAAAGGCAGTCTTAGTATTCATCAGAGAATTCATA  
CAGGAGAGAAACCTTACAAATGCAATGAATGTGACAAATTTCTTACCAGAAAAGACAGTCTTAATGTCCA  
CCAGAGAGTTCATACAGGAGAGAAACCTTATAAATATAGTGAATGTGACAAATGCTTTTCTATAAAGGC  
GATCTTAGAAAACATCAGAGAATTCATACAGGAGAAAGAACCTTACAAATG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG212337 representing NM\_177596  
 Red=Cloning site Green=Tags(s)

MNASLLNAPQSQITFKDVAMHFSQEEWECLDCAQRALYMDVMLENNLFFVENHCMCPKFENMLDQDLQ  
 HIIHKHANIQVKSIECHELGKVIHEFTGSIPYKTNLRSTSVESNL SRHETKNNREPYKYKNHVNCFNLC  
 STISRNOGIIKGRKEYNSAKLDNVFDSKETLMLKQTKSGKTPYKCECAKCFAKKCWFRKHQIHTHGEKP  
 YKCECDKSFYKQKGLSIHQMRHSGKEPYKCECTKCF AQKCFWFRKHQR IHTHGEKPYKCECGKSFYKQK  
 SLSIHQMYHTGKKPYKCECEKCFIQVGLRRHERIHTHGEKPYKCECDKCFRYKSSLRSHQRVHKGEKP  
 YKCECDKYFSHKGSLSIHQRIHTHGEKPYKCECDNFFTRKDSLNVHQRVHTHGEKPYKYSECDKCF SYK  
 DLRKHQR IHTHGERTLQM

TRTRPLE - GFP Tag - V

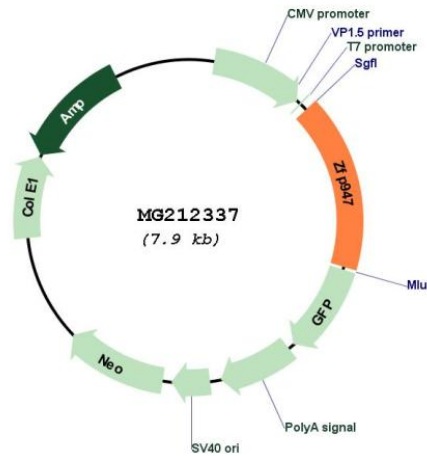
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_177596

<b>ORF Size:</b>	1311 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_177596.3</a> , <a href="#">NP_808264.1</a>
<b>RefSeq Size:</b>	2659 bp
<b>RefSeq ORF:</b>	1314 bp
<b>Locus ID:</b>	210853
<b>Cytogenetics:</b>	17