

## Product datasheet for **MG201309**

### Ybey (NM\_172550) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ybey (NM\_172550) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Ybey  
**Synonyms:** 1110068N23Rik; A130042E20Rik; C21orf57; ORF57; ORF66  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG201309 representing NM\_172550  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGAGTTTGGTGATTA AAAATCTGCAGCGGGTGGTCCCCATCAGAAGAGTGCCACTTCGCAGGAAGATGG  
 ATTTAGTCAGGAGTATCTTAGGAGTGAAGAAATTTGACCTGGGGATCATCTGTGTGACAACAAGACTAT  
 TCAGAACATTAATAGGATCTACAGGAATAAAAATGTCCCACTGACGTGCTTTCTTCTCATTTTCATGAG  
 AATCTGAAAGCTGGCGAATTTCTCAGCCACACTACCGGATGATTATAATCTGGGAGACATTTTCCTAG  
 GGGTGGAGTACATTCTTCAGATTGCAGAGAAAGTGAGGATTACTGTGATGTCCTGACGGTCACAGCCAC  
 CCATGGACTCTGTACCTGCTGGGCTTCACCCACAGCTCCAAAGCCGAGTGGCAAAAGATGTACAACCAG  
 GAGAAGCTGGTGTGGAGGACCTGAGCCGCTACACGGGAGCTAGGCTCCAACCCCTGAGCAGGGGCCTCT  
 AC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG201309 representing NM\_172550  
Red=Cloning site Green=Tags(s)

MSLVIKLNQRVVPIRRVPLRRKMDLVRSILGVKKFDLGIICVDNKTIQINRIYRNKNVPTDVL SFSFHE  
 NLKAGEFPQHPSPDDYNLGDIFLGVEYILQHCRESYCDVL TVTATHGLCHLLGFT HSSKA EWQKMYNQ  
 EKLVL E DLSRYTGARLQPLSRGLY

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI



View online »

## Cloning Scheme:



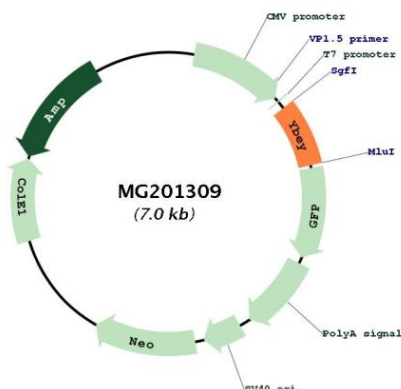
ACCN:	NM_172550
ORF Size:	492 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own 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>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).
Reconstitution Method:	<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>
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<a href="#">NM_172550.2</a>
RefSeq Size:	4538 bp
RefSeq ORF:	495 bp
Locus ID:	216119

UniProt ID: Q8CAV0

Cytogenetics: 10 C1

Gene Summary: Single strand-specific metallo-endoribonuclease involved in rRNA maturation.  
[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MG201309