

## Product datasheet for **MG202539**

### Rab28 (NM\_027295) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Rab28 (NM\_027295) Mouse Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: Rab28  
 Synonyms: 2700023P08Rik; AW496496  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >MG202539 representing NM\_027295  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCAGACTCTGAGGAGGAGAGCCAGGACCGCAACTGAAAAATCGTCGTGCTGGGGACGGCACCTCGG  
 GGAAGACCTCCTTAGCTACGTGTTTTGCTCAAGAGACATTTGGGAAGCAGTACAAGCAGACGATAGGACT  
 GGATTTCTTTTGAAGGATTACCTTACCAGGAAATTTGAATGTTACTCTTCAAGTTTGGGATATAGGA  
 GGGCAGACAATAGGTGGCAAGATGTTGGATAAATACATCTATGGAGCACAGGGAATCCTCTTGGTATATG  
 ATATTACAACTACCAAAGCTTTGAGAATTTGGAAGATTGGTATTCTGTGGTGAAGACAGTAAGTGAAGA  
 GTCAGAACTCAGCCCCTGGTTGCTTTAGTGGCAATAAAATTGACTTGGAGCATATGCGAACAGTAAAA  
 GCTGATAAGCACTTACGATTTTGCAGGAAAATGGTTTTAGTAGCCACTTTGTTTCAGCCAAGACAGGAG  
 ACTCTGTCTTCTGTGTTTTAGAAAAGTTGCAGCAGAAATCCTGGGAATCAAATTAACAAAGCAGAAAT  
 AGAACAGTCACAGAGAGTGGTGAAGGCAGATATTGTAACATAACCAGGAGCCCTTGTCAGAAGACTGTT  
 AACCTCCTCGGAGCTCCATGTGTGCAGTGCAG

**ACGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG202539 representing NM\_027295  
 Red=Cloning site Green=Tags(s)

MSDSEESQDRQLKIVVLGDGTSKGTSLATCFAQETFQKQYKQTIGLDFFLRRITLPGNLNVTLQVWDIG  
 GQTIGGKMLDKYIYGAQGILLVYDITNYQSFENLEDWYSVVKTVSESESQPLVALVGNKIDLEHMRTVK  
 ADKHLRFQENGFSSHFVSAKTGDSVFLFCFQKVAEILGIKLNKAEIEQSQRVVKADIVNYNQPELSRTV  
 NPPRSSMCAVQ

TRTRPLE - GFP Tag - V

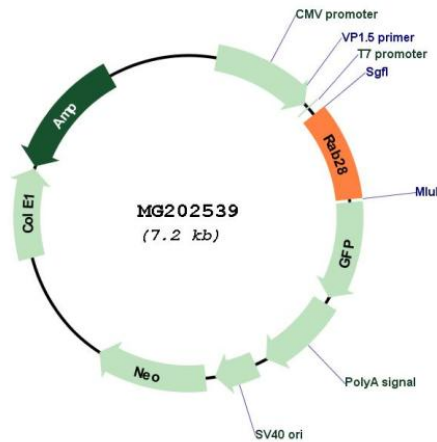
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_027295

**ORF Size:** 663 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_027295.3</a>
<b>RefSeq Size:</b>	1636 bp
<b>RefSeq ORF:</b>	666 bp
<b>Locus ID:</b>	100972
<b>UniProt ID:</b>	<a href="#">Q99KL7</a>
<b>Cytogenetics:</b>	5 B3