

## Product datasheet for **MG201187**

### Reg4 (NM\_026328) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Reg4 (NM\_026328) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Reg4  
**Synonyms:** 2010002L15Rik; GISP; RELP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG201187 representing NM\_026328  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTTCCAAGGCGTGCGGCTACTCTTACTGCTGAGCTGGGTAGCTGGCCCCGAAGTCTGAGCGATA  
 TCTTGAGACCCAGCTGTGCCCCAGGATGGTTTTACTATAGGTCCCACTGCTATGGGTACTCCGGAAGCT  
 AAGAACTGGTCTCATGCTGAGCTGGAGTGTGAGTCATATGGAAATGGATCCCATCTGGCATCTGTCTTG  
 AATCAAAAGGAAGCCAGTGCATATCAAAGTACATAACTGGCTATCAGAGAAACCTGCCTGTGTGGATTG  
 GCCTGCATGACCCACAAAAGAAGCAATTATGGCAATGGACTGATGGGTCTACAACTGTACAGACGCTG  
 GAATCCCAGGACAAAGAGTGAAGCCAGGATTGCGCTGAGATGAACCCCAAGGATAAATTCTTAAGTGG  
 AACAAAATGGATGTGCCAACGCCAACACTTCTGTGCAAGTATAAGACA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG201187 representing NM\_026328  
 Red=Cloning site Green=Tags(s)

MASKGVRLLLLLSWVAGPEVLSILRPSCAPGWFYRSHCYGYFRKLRNWSHAIECQSYNGSHLASVL  
 NQKEASVISKYITGYQRNLPVWIGLHDPQKKQLWQWTDGSTNLYRRWNPRTKSEARHCAEMNPKDKFLTW  
 NKNGCANRQHFLCKYKT

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI





<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>	<u><a href="#">NM_026328.1</a></u> , <u><a href="#">NP_080604.1</a></u>
<b>RefSeq Size:</b>	1024 bp
<b>RefSeq ORF:</b>	474 bp
<b>Locus ID:</b>	67709
<b>UniProt ID:</b>	<u><a href="#">Q9D8G5</a></u>
<b>Cytogenetics:</b>	3 F2.2
<b>Gene Summary:</b>	Calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium (By similarity).[UniProtKB/Swiss-Prot Function]