

## Product datasheet for **MC207375**

### Reg1 (NM\_009042) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Reg1 (NM\_009042) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Reg1  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >MC207375 representing NM\_009042  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTAGGAACGCCTACTTCATCCTGCTCTCATGCCTGATCGTCCTGTCTCCAAGCCAAGGCCAGGAAG  
 CTGAAGAAGACCTGCCATCTGCCAGGATCAGTTGCCAGAAAGTTCCAATGCCTACAGCTCCTATTGTTA  
 CTACTTCACTGAAGACCGTTTAACTTGGGCTGATGCAGATCTTTTTGCCAGAACATGAATTCAGGCTAC  
 CTGGTGTCTGACTGGACTCCATGATCCCAAAGGAATCGTCGCTGGCACTGGAGCAGTGGTCTCT  
 ACGCCAATGTCTGGACTGGACTCCATGATCCCAAAGGAATCGTCGCTGGCACTGGAGCAGTGGTCTCT  
 GTTCTCTACAAATCCTGGGCAACTGGTCTCCTAACAGTCCAATCGTGGCTACTGTGTATCTCTGACT  
 TCAAACACAGGATACAAGAAATGGAAGGATGACAACTGTGATGCCCAATACTCATTGTCTGCAAGTTCA  
 AAGGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_009042  
 Insert Size: 498 bp  
 OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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<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_009042.1</a></u> , <u><a href="#">NP_033068.1</a></u>
<b>RefSeq Size:</b>	769 bp
<b>RefSeq ORF:</b>	498 bp
<b>Locus ID:</b>	19692
<b>UniProt ID:</b>	<u><a href="#">P43137</a></u>
<b>Cytogenetics:</b>	6 34.77 cM
<b>Gene Summary:</b>	Might act as an inhibitor of spontaneous calcium carbonate precipitation.[UniProtKB/Swiss-Prot Function]