

## Product datasheet for **RN201700**

### **RGD1308117 (NM\_001134571) Rat Untagged Clone**

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | RGD1308117 (NM_001134571) Rat Untagged Clone                                       |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | RGD1308117                                                                         |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN201700 representing NM_001134571<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTGAGCCGTCGCGCGTCTTTGCGGTGGAGCAACTTGGCGGCCGGGATGGGGCCTTTGAGGACCTGG  
CACAAGGCTGTGTGGTGCAGGAGTCACTTGCACCTACAGACGGATACCAGACAAAACCTCACGGGTGTTC  
ATTGGACTTCAGGGAGGGACGGAGTGAGCTGAGAGGTCTGGAGAGACAGATGCCACTTCTGAAATTGGCT  
TCCCAGGACTCAGGCATGGAGATGGTGGTTGGGACAGCTCCTTGGCTACCTTATCAGGACTTTCTCAAG  
ATTCTCTAAACCTTGAGCCCATGGGGAGCCCTGAGCTGCCTCCTGCCCACTAGACCGGCTGCTGGCCAG  
ACGAAAGCTGGAACAGGTGCTGGAGAGGTCTCGAGAGTTTCCAGCTTGTCTGGGCGGCATGGCTCCCTG  
CAGCTACAGAACAAGCCTGTAGGTGGAGTGTCCATCTTTGTAGGAGAACAGGAGTCCACTGAGGCAGATA  
CTGAGCTAGAGGCTAGTCTGGAAGAAGCAAAGGAGGTGGGTAGTATGGAGTCTGGAGCCTCTACCTGCCT  
CCCCGGACAGGGCTTGCCTTACCTGGAACACCTGTGCCTTGTGCTGGAGCAGATGGCCAGGCTGCAGCAG  
CTGTACCTGCAGCTGCAGACCCAGAGACCCTCTAGGGATCCTGAGGAGGAAGAATTGGCTCCAGTTCTTT  
CATCATCACATATCCCTGACAATAGGGTCCAGGGGCACAGAGAGGAGCTGAGCCAGACAAAGGATCCAGG  
TGCAGAGGCAGCTTCACTCCACAGGTGGGTGTGCTTGTGACAGCCCTCCAGTCTGCCAGAGGCTTGT  
CTGGAACCAACCCACATCCTTCCACCCTCCAGGAACACAAGGATCTCTCCCACTGGGATAAGGTCAAGG  
TTCTGCTCAATCGGATCCGTTGGAGGAGCCCTCGACTTCTGAGCCTCCTGTTCCCCCTGATAGTTCTGG  
ACCCAGGATGGAGTTCAGGAATCTCTCTGAAAGGACTCCAGGCCATTCCAACGGAAGATCTTTATTCCA  
ACATTGTCGTTAAGAAGCCACGAGCAAAAAATCTTTCTGTATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |              |
|--------------------|--------------|
| Restriction Sites: | SgfI-MluI    |
| ACCN:              | NM_001134571 |


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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 1095 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <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>NM_001134571.2, NP_001128043.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 1942 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1095 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 361066                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 15p11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |