

## Product datasheet for RN216351

### Gpa33 (NM\_001191829) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Gpa33 (NM\_001191829) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Gpa33  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN216351 representing NM\_001191829  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTGGGGACGGTGGGACCTGTGCTGTGGATGTTCTGTGCGATCTGGGTGGCTGCTGATGCTATTACTG  
 TGGAAACACACAGGACGTTCTTCGGGCTGCTCGAGGAAAGAGTGCACCCTCCCATGCATCTACAGCAC  
 TCCTGTTTCAGACCGACAGGGATTTCATTTCAGTGGGATAAGCTTTCAGAAGTCAAACGGAAAAAGTGCC  
 ACCTGGACTTTTGAGACGAAGAAATACACCTATGGGAGCCGTTATGAGAACCAGCGTGAGAATATCTAACG  
 ATGCCGAGCTGTGAACGCCTCTATCACCATCGACCAGCTGACCATGGATGACAATGGCACCTACGAGTG  
 CTCCGTCTCACTGATGTCAGACCAGGATGTCACCTCCAGGTCTCGAGTCCGCCTCTTAGTCTCGTACCA  
 CCCTCCAAGCCAGACTGCGGCATCGAAGGGGAGACAGTGATTGGGAACAACATCCAAGTACATGTCATT  
 CTGCAGAGGGCTCTCCGAGCCACAGTACAGCTGGAAAAGTTACAATGCCAGAACCAGCAGCGGCCACT  
 AGCCAGCCAGTCTCAGGCGAGCCCTTGCTTCTGAAGAACATCTCCGCGGATACAGCGGGTTACTACATC  
 TGCACCTCCAGCAATGACGTGGGCACAGAGTTCTGCAACATCACCGTGGCACCCAGACCTCCCTCCATGA  
 ACATTGCACTGTATGCGGGCATTGCGGGGGGTGTCTTTGTGGCCCTCATCATCATCGGGGTATCGTCTA  
 CTGCTGCTGTTGCCGGGAAAAAGATGACAAAGCTCAAGAAATGGAGACCGTGCGACCGGACCGAGCAGCT  
 TACCAAGAGCCTAAAAACCAGCGGACAGAAATTTCCAGAGAGTGGGAAGATGAGGATGACCCAGGCATG  
 AGGACCAGAGGAGCTCAGGGCGTGGCTCTCCAGACCAGCCTTCCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001191829  
 Insert Size: 960 bp



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<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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001191829.1</a>, <a href="#">NP_001178758.1</a></u>
<b>RefSeq Size:</b>	1077 bp
<b>RefSeq ORF:</b>	960 bp
<b>Locus ID:</b>	360873
<b>Cytogenetics:</b>	13q23