

## Product datasheet for **MR204607**

### Gpa33 (BC008528) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gpa33 (BC008528) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Gpa33  
**Synonyms:** 2010310L10Rik; 2210401D16Rik; BB116197  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR204607 representing BC008528  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTTGGGAAGGCAGGATCTGTGGTGTGGATGCTCTGTGCAATCTGGGTCGCTGCTGATGCTCTTACCG  
TGGAACTACACAGGACATTCTCGGGCTGCTCGAGGAAGGAGTGCACCCTCCCGTGCACCTACAACAC  
CTATGTTTCAGACCGAGAGGGGTTCAATCAGTGGGATAAGCTTCCGAAGTCAGACGGAAGAGTGGTC  
ACCTGGAATTTGTGACAAAGAAATACATCTATGGGAACCGTTATGAGAAATCGAGTGAGAGTATCTAACG  
ATGCTGAGTTGTCAAATGCCTCTATCACCATCGACCAGCTGACCATGGACGACAATGGCACCTACGAGTG  
CTCCGTGTCACTGATGTCGGACCAGGATGTCAACGCCAAGTCTCGAGTCCGCCTCTTGGTCTTGTTC  
CCCTCAAAGCCAGACTGCAGCATCCAAGGGGAGATGGTGTGCGGGAACAACATCCAGCTGACATGCCACT  
CTGCAGAGGGCTCTCCGAGCCACAATACAGCTGGAAGAGTTACAACGCCGAGAACCCAGCAGCGGCCCT  
CACCCAGCCAGTCTCAGGCGAGCCATTGTTGCTGAAGAATCTCCACGGAGACAGCGGGTTACTACATC  
TGCACCTCCAGCAATGACGTGGGATAGAGTCTGCAACATCACCGTGGCACCCAGACCTCCCTCCATGA  
ACATTGCGCTGTATGCGGGCATTGCGGGGGTGTCTTTGTGGCCCTCATCATCGGTGTCATTGTCTA  
CTGCTGCTGCTGCGGGAAAAGGACGACAAAGATCAAGACAGGGAGGATGCGCGGCCGAAACCGAGCAGCT  
TACCAAGTGCCTAAAAAGGAGCAGAAAGAAATTTCCAGAGGGCGGGAAGCAGAAATGACCACAGACATG  
AGGATCGGTGGAGCTCGGGGCTAGCACTCCAGACCAGCCTTTCCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204607 representing BC008528  
Red=Cloning site Green=Tags(s)

MLGKAGSVVWMLCAIWAADALTVETTQDILRAARGRSVTLPTCTYNTYVSDREGFIQWDKLLRSQTERVV  
 TWNFVTKKYIYGNRYENRVRVSNDAELSNASITIDQLTMDDNGTYECSVLSMSDQDVNAKSRVRLVLVP  
 PSKPDCSIQGEMVIGNNIQLTCHSAEGSPSPQYSWKSYNAQNQRPLTQPVSGEPLLLKNISETAGYII  
 CTSSNDVGIESCNITVAPRPPSMNIALYAGIAGGVFVALIIIGVIYVCCCREKDDKDQDREDARPNRAA  
 YQVPKKEQKEISRGREDEDDHRHEDRWSSGRSTPDQPFQ

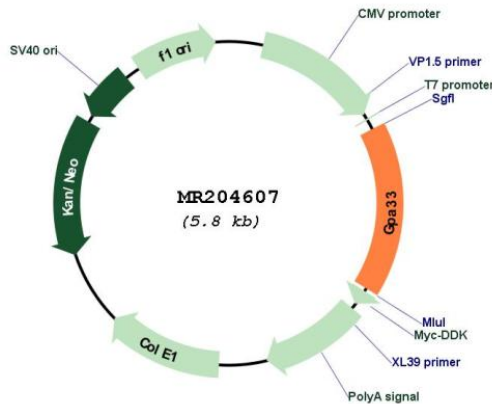
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** BC008528

**ORF Size:** 957 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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></p>
<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="#">BC008528.1</a>
<b>RefSeq Size:</b>	2239 bp
<b>RefSeq ORF:</b>	959 bp
<b>Locus ID:</b>	59290
<b>Cytogenetics:</b>	1 73.49 cM
<b>MW:</b>	82.1 kDa
<b>Gene Summary:</b>	May play a role in cell-cell recognition and signaling.[UniProtKB/Swiss-Prot Function]