

## Product datasheet for **MC211941**

### **Gpr63 (NM\_030733) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpr63 (NM_030733) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpr63
Synonyms:	Psp24-2; PSP24beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC211941 representing NM\_030733  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTGTCTCAGGAGTGTGACTGCTCCGGCAGTGTGACTGCGCCCCATTCTGGAACATCCAACACGA  
 CGTTTGTAGTCTTTGAAACTCCCACGTGAATATTACGGCTCCGCTACCATTTTCAGCATCCTAGCGCTGG  
 TCCGCTGCTTAGATACAGCCTTGAAACCATGACTAGCCCTGGATTTAGCTCCTTGCCAGTGAACAGCACA  
 GCTGTGACTCCAGCACCAGCAGTTTTTAAGAGCCTAAACTTAGCGGTTTCAGATTACCTTTCAGCCATAA  
 TGATATTTATTCTTTTGTCTTTCTTGAAACTTGGTTGTTGCCTCATGGTGTACCAAAAAGCTGC  
 CATGCGTTCTGCAATTAACATCCTCCTTGCCAGCCTGGCGTTGCAGACATGCTGCTTGCAGTACTGAAC  
 ATGCCCTTGTCTGGTAACTATTCTTACTACCAGATGGATATTTGGGAAATTCTTCTGCCGTTGTCCG  
 CTATGTTTTCTGGTTGTTGTGATAGAGGGAGTAGCCATCCTGCTCATTATTAGTATCGATAGGTTTCT  
 GATTATAGTTCAGAGCAAGATAAGCTAAATCCCTATAGGGCTAAGGTCCTCATTGCAGTCTCCTGGCA  
 ACTGCTTTTTCTGTAGCTTTTCCTTTGGCCGTGGGAAACCCTGATCTGCAGATACCTTCCAGAGCCCCAC  
 AGTGCGTGTGGATACACAACCAATTCTGGATACCAGGCTTATGTGATTTTGATTTCACTCATTTCCTT  
 CTTTATACCTTTCCTGGTCATATTATATTCATTTATGGGCATCCTCAATACCTTCCGGCATAATGCCTTG  
 AGGATTCATAGCTACCCGAAGGGATATGCCTCAGCCAGCCAGCAAACCTCGGTCTCATGAGTCTACAGA  
 GACCCTTCAAATGAGCATCGACATGGGCTTTAAACACGTGCCTTTACCACCATTCTGATCCTCTTTGC  
 CGTTTTTCATTGTCTGTGGGCCCATTCACCACCTACAGCCTTGTGGCTACCTTCAGTAAAGCACTTCTAC  
 TATCAGCACAACCTCTTTGAGATTAGCACCTGGCTACTCTGGCTCTGCTACCTCAAGTCTGCATTGAACC  
 CACTGATATACTACTGGAGGATTAAGAAGTCCACGATGCCTGCTTAGATATGATGCCCAAGTCTTTCAA  
 GTTCTTGCCACGGCTCCCTGGTACACAAGGCGACGGATTCGCCCTAGTGCCGTCTACGTGTGTGGGAA  
 CATCGGACGGTGTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1931\\_f11.zip](https://cdn.origene.com/chromatograms/ja1931_f11.zip)

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_030733

**Insert Size:** 1278 bp

**OTI Disclaimer:** 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 [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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. [More info](#)

<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_030733.3</a></u> , <u><a href="#">NP_109658.2</a></u>
<b>RefSeq Size:</b>	2370 bp
<b>RefSeq ORF:</b>	1278 bp
<b>Locus ID:</b>	81006
<b>UniProt ID:</b>	<u><a href="#">Q9EQQ3</a></u>
<b>Cytogenetics:</b>	4 A3
<b>Gene Summary:</b>	Orphan receptor. May play a role in brain function.[UniProtKB/Swiss-Prot Function]