

Product datasheet for **MC212852**

Gpr171 (NM_173398) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpr171 (NM_173398) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpr171
Synonyms: A630006E05; F730001G15Rik; H963
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212852 representing NM_173398
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAAACAGTTC AACGTTCTGTCCGGTTTACAGAGATCTGGAACCATTTACCTATTTTTTTTATTTAG
 TTTTCCTCATTGGAATTATTGGAAGTTGTTTTGCCACGTGGGCTTTTACAGAAAACCACAAATCACAG
 ATGTGTCAGCATATACTTAATTAATTTGCTTACAGCTGATTTCTGCTCACCTGGCATTACCAGTAAAA
 ATCATTGTTGACTTGGGTGTGGCACCCCTGGAAGCTAAGGATATCCACTGCCAAGTGACAGCCTGCCTCA
 TCTACATCAATATGTA CTATCTATTATCTTCTTAGCCTTGTG CAGCATCGATCGCTGTCTTCAGTTAAT
 ACACAGCTGCAAGATATACCGAATAACAAGAACCTGGGTTTGCCAAAATGATATCAGCTGTGCTGTGGCTC
 ATGGTCTGCTGATCATGGTGCCGAACATGGTGATTCCCATCAAGGACATCAAAGAAAAGTCAAATGTAG
 GTTGATGGAGTTTAAAAAGGAGTTTGGGAAGAACTGGCATTGCTAACAAACTTCATCTGTGTGGCAAT
 ATTTTTAAATTTCTCAGTCATCATTTTGATATCCAACCTCCTTGAATCAGACA CTATAGAAAATAGA
 GACAACACAACTATCCAAGTGTGAAATCAGCTCTGCTCCACATTCTCTTGGTGACAGCTAGTTACATCA
 TATGCTTTGTTCCCTACCACGCTGTCAGGATCCCATACACCCTCAGCCAGACAGAGGTCATATCTGATTG
 CTCAACTAGGATCGACTCTTCAAAGCCAAAGAGGCCACACTGCTGCTGGCGGTGCTAATTTGTGTTTT
 GATCCAATCCTGTACTATCATCTGTCAAAGCCTTTCGACTAAAGGTCACCGAGACTTTCGCCTCACCTA
 AAAAGACAAAGCCTCTGGAAGAAAGATTGAGAAGTGAGAATGATGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAA CTCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1818_e10.zip

Restriction Sites: SgfI-MluI



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ACCN:	NM_173398
Insert Size:	960 bp
OTI Disclaimer:	<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 custsupport@origene.com 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. More info</p>
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	BC024054 , AAH24054
RefSeq Size:	2225 bp
RefSeq ORF:	960 bp
Locus ID:	229323
UniProt ID:	Q8BG55
Cytogenetics:	3 D
Gene Summary:	Orphan receptor.[UniProtKB/Swiss-Prot Function]