

Product datasheet for **MC214627**

Gpr21 (NM_177383) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpr21 (NM_177383) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Gpr21
 Synonyms: C230004C13Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >MC214627 representing NM_177383
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACCTCCACCTGGGATGGTAATCAGAGCAGCCATCCTTTCTGTCTTCTGGCACTGGGCTACTGGAAA
 CTGTCAGGTTCTGTCTTTTGAAGTGCTGATTATTGTCTTTCTAACTGTATTGATTATTTCTGGCAACAT
 CATTGTGATTTTTGTGTTTCACGTGTCACCTCTGTTGAACCATCATTCTACAAGTATTTTTATTTCAGACA
 ATGGCATATGCTGACCTCTTGGTTGGGTAAGCTGCCTGGTCCCTTCTTATCACTCCTCTACTACCCTC
 TTCGATTGAGGAGGCCATGACTTGCCAAGTATTTGGTTTTGTAGTGTCAGTTCTGAAGAGTATCTCTAT
 GGCTTCTCTGGCCTGTATCAGCATTGATAGATATATTGCCATCACTAAGCCTTTAACCTATAATACCCTG
 GTTACTCCCTGGAGACTACGCCTCTGTATTTTTCTGATTTGGCTGTATTCCACCCTGGTCTTCTGCCTT
 CCTTCTCCACTGGGTAACCCGGATATCATGGAGATGTATTTTCAGTGGTGTGCAGAGTCTGGCACAC
 CAACTCTACTTCACATTGTTTCATCGTGATGATGCTGTACGCCCCAGCTGCCCTCATTGTCTGCTTCACG
 TATTTCAACATCTTCCGCATCTGCCAGCAGCACACAAAAGAAATCAGCGAAAGGCAAGCCCGATTTCAGCA
 GCCAGAATGGGGAGACTGGGAACCCAGACCTGTCCAGATAAGCGCTATGCCATGGTCCATTTCAGAAAT
 CACCAGTGTGTTTTATGTCCTCTGGTTGCCATACATCTACTTCTTGTGGAGAGTTCTACTGGCTGC
 AGCAGCCGCTTGCATCCTTCTGACTACCTGGCTTGTATTAGTAACAGTTTCTGCAACTGTATCATT
 ACAGTCTCTCAACAGTGTTCAGCGAGGACTAAAGGCTTTTCAGGGTCTCTGTGACTTCTTGTGC
 AAGTCACACCACAGCAAGGACCCTTACACAGTTAGGTGCAAAGGACCCCTAATGGATCTCATATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2304_c05.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_177383
Insert Size:	1050 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:	BC112377 , AAI12378
RefSeq Size:	2297 bp
RefSeq ORF:	1050 bp
Locus ID:	338346
UniProt ID:	Q8BX79
Cytogenetics:	2 B
Gene Summary:	Orphan receptor.[UniProtKB/Swiss-Prot Function]