

Product datasheet for **RN207396**

Gpr108 (NM_199399) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr108 (NM_199399) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr108
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207396 representing NM_199399

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGTGAGCGAGAGGAGGGGCTCAGCGCGAGAGCCAGCGCAGTGTGATGGAATACTTGTGCG
TGCTGGTGCTGATGCTGAGCGGCTGCTCAGGCCGTATCCACCGCTGACTCTCACAGGGGAGAAGCGAGC
TGACATCCAACCTGAACAGCTTTGGATTCTACACCAATGGTTCCTGGAAGTAGAGCTGAGCTTACTGCGA
CTCAGCCTCCAGGAGACAGAAGACAAGTTTCAAAGGTGGGATTGAGCTTGGCCGAGTTCGGTCCGGCA
GTGTTGCTCCTACTCGAGCCGGAATCCCATGAATGCCCTCTGGAGAGAAACAGCAGCAACTTCTGGT
CCTGTTCTCATCAATATCAAGGACCTGCAGGTCCAAGTCCGAAAATATGGGAAACAGAAGTTGTTTCATC
TCCCCTGGCCTCCTCCTGAAGTCCCTCCAGTCAGGGCCCCGAAGCCAGACCAACAGGCACCCCCA
AGGACAACCATGTCATTACCCATCTCCGAAAAAGATGTCTGCAGTCAAGGAAGATCAGGCAAAGCTTAC
AGTGCCCGAGTTTCCGGGGATAAAGCTCTCCAGCGGGACACAGGCACCTCATCTGATGGCCAGCCACAA
AGCCAGCCACCCACAGGGGGCCAGTGGGAAGGAGAAGGATCTGGTTTTGGGACTGGGGCCACCTCAATG
ACTCTACAACCTCAGTTTCCACATTGTGATCGGCTCCAGGGCTGAGGAAGGCCAGTACAGCCTCAACTT
CCACAACCTGTTACAACACAATACCAGGCCAGGAGCAGCGTTCGACCTCACTGTAATGATCCGAGAGAAG
AATCCAGAAGGCTTCTGTGAGCAGTGAATCCCCCTCTTAACTCTATCTAATCATGTCCGCTGCT
TCTTGGCCGCGGCATCTTCTGGGTGTCGTGCTCTGCAAGAACAGTACAGTGTCTTAAAGATCCACTG
GCTCATGGCAGCCTGGCGTTCACGAAGAGTGTCTCCCTACTCTTCCACAGCATCACTACTACTTCATC
AACAGCCAGGGCCACCCATCGAAGGCCCTCGCCGTCATGCATTACATCACTCACCTGTGAAGGGCGCCC
TTCTCTTCATCACCATTGCCCTGATCGGCTCGGCTGGGCTTTGTGAAGTATATGCTGTGCGACAAGGA
GAAGAAGATTTTTGGGATTGTGATTCCCTGCAGGTCTGGCTAATGTAGCATACATTGTATCGAGTCC
CGTGAGGAGGGCGCCAGCGACTATGGAATCTGGAAGGAGATCTTGTTCCTGGTGGATCTCATCTGCTGTG
GTGCCATCTCTTCCAGTGGTCTGGTCCATCCGGCATCTACAGGACGCGTCTGGCACTGACGGGAAGGT
GGCAATGAACCTGGCCAAGCTGAAGCTGTTCCGACATTACTACGTATGGTCTGCTATATCTACTTT
ACGCGCATCATCGCCATTCTGCTTCGAGTGGCGGTGCCCTTCCAGTGGCAGTGGCTGTACCAGCTCTTGG
TGGAGAGTTCCACCCTGGCCTTCTCTGCTCACCAGGTACAAGTTCCAGCCGGCGGGGACAACCCATA
CCTGCAGCTGCCACAGCAGGAGGATGAGGAGGACGTACAGATGGAGCAAGTATGACAGACTCTGGGTTT
CGGAAGGCCTGTCAAAGTTAAACAAGACAGCCAGCGGCCGGGAGCTGTTG**TGA**

AC**CGGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA

Chromatograms:

https://cdn.origene.com/chromatograms/ja1936_f07.zip

Restriction Sites:

SgfI-NotI

ACCN:

NM_199399

Insert Size:

1734 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 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
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:	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:	NM_199399.1 , NP_955431.1
RefSeq Size:	2134 bp
RefSeq ORF:	1734 bp
Locus ID:	316136
UniProt ID:	Q6P6V6
Cytogenetics:	9q12