

Product datasheet for **MC216211**

Gipr (NM_001080815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gipr (NM_001080815) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gipr
Synonyms:	GIP-R; Gm160; Gm1081
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216211 representing NM_001080815
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCTGCGGTTGCTGCTTCTGCTGCTGTGGTGTGGGACTCCAGTGGGCGGAGACAGACTCTGAGG
 GGCAGACCACCACGGGGAGCTGTACCAGCGCTGGGAGCACTACGGCCAGGAGTGCCAAAAGATGTTGGA
 GACCACAGAACCTCCCTCAGGCCTGGCCTGTAACGGTTCCTTCGATATGTATGCCTGCTGGAACACACG
 GCCGCAAACCACTGCTCGGGTGTCTTCCCCTGGTATCTGCCCTGGTCCGTCAGGTGTCTGCAGGCT
 TTGTCTCCGCCAGTGTGGCAGTGATGGCCAGTGGGGATCTTGGAGAGACCACACTCAGTGTGAGAATCC
 AGAGAAGAATGGGGCTTTTCAGGACCAGACGCTGATCCTGGAGCGCTGCAGATCATGTATACCGTGGG
 TACTCCCTGTCCCTGACGACTCTGCTGCTAGCCCTACTCATCTTAAGTTTGTTCAGGCGGCTGCACTGCA
 CTCGTAATTACATTACATGAACCTGTTACGCTTTTCATGCTGCGGGCAGCAGCCATCCTACCCGAGA
 TCAGCTGCTGCCCTCCACTGGGTCCCTACTGGAGACCAGGCCCTACCCCGTGAACCAGGCCCTAGCT
 GCCTGCCGACGGCCAGATCATGACCCAATATTGTGTGGGAGCCAATTACACCTGGCTACTGGTGGAGG
 GTGTTTATCTGCACCATCTGCTGGTGATCGTGGGACGCTCAGAAAAGGGCCACTTCCGCTGCTACCTGCT
 TCTTGGCTGGGGGGCCCCGCGCTTTTCGTCATTCCCTGGGTGATCGTCAGGTACCTGCGCGAGAACACA
 CAGTGTGGGAGCGCAACGAAGTCAAAGCCATTTGGTGGATCATTCGCACTCCCATCCTAATAACCATCT
 TGATCAATTTCCATCTTCATCCGCATCCTTGGCATCCTTGTTCAAAGCTGAGGACACGGCAGATGCG
 CTGCCCGACTACCGACTAAGGCTGGCTCGCTCCACGCTGACACTGGTGGCCCTGCTGGGTGTCCACGAG
 GTGGTGTTCGCGCTGTGACGGAGAACAGGTTGAAGGCTCCCTGCGCTTCGCCAAACTGGCCTTTGAAA
 TCTTCTAAGTTCCTTCCAGGGTTTCTGGTGACGCTGCTCTACTGCTTCATCAACAAAGAGGTGACGAC
 GGAGATCCGCCAGGGTTGGCGCCACCGCCTGCGTCTCAGTCTTCAAGAGCAGCGTCCACGTCCGCAC
 CAGGAACTCGCCCCCGGGCTGTGCCTTTGAGCTCTGCGTGCCGAGAAGCTGCCGTTGGCAACGCCTTGC
 CCTCTGGGATGCTGCATGTGCTGGGGATGAGGTCTTGGAAAGTTACTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1554_f02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001080815

Insert Size: 1383 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:	<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:	<u>NM_001080815.1</u> , <u>NP_001074284.1</u>
RefSeq Size:	1792 bp
RefSeq ORF:	1383 bp
Locus ID:	381853
UniProt ID:	<u>Q0P543</u>
Cytogenetics:	7 A3
Gene Summary:	This is a receptor for GIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (By similarity).[UniProtKB/Swiss-Prot Function]