

Product datasheet for **MR223859**

Gipr (NM_001080815) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR223859 representing NM_001080815
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCCTGCGGTTGCTGCTTCTGCTGCTGTGGTGTGGGACTCCAGTGGGCGGAGACAGACTCTGAGG
 GGCAGACCACCACGGGGAGCTGTACCAGCGCTGGGAGCACTACGGCCAGGAGTGCCAAAAGATGTTGGA
 GACCACAGAACCTCCCTCAGGCCTGGCCTGTAACGGTTCCTTCGATATGTATGCCTGCTGGAACACACG
 GCCGCAACACCACTGCTCGGGTGTCTTCCCCTGGTATCTGCCCTGGTCCGTCAGGTGTCTGCAGGCT
 TTGTCTCCGCCAGTGTGGCAGTGATGGCCAGTGGGATCTTGGAGAGACCACACTCAGTGTGAGAATCC
 AGAGAAGAATGGGGCTTTTCAGGACCAGACGCTGATCCTGGAGCGCTGCAGATCATGTATACCGTGGG
 TACTCCCTGTCCCTGACGACTCTGCTGCTAGCCCTACTCATCTTAAGTTTGTTCAGGCGGCTGCACTGCA
 CTCGTAATTACATTCACATGAACCTGTTACGCTTTTCATGCTGCGGGCAGCAGCCATCCTACCCGAGA
 TCAGCTGCTGCCCTCCACTGGGTCCCTACTGGAGACCAGGCCCTACCCCGTGAACACAGGCCCTAGCT
 GCCTGCCGACGGCCAGATCATGACCCAATATTGTGTGGGAGCCAATTACACCTGGCTACTGGTGGAGG
 GTGTTTATCTGCACCATCTGCTGGTGATCGTGGGACGCTCAGAAAAGGGCCACTTCCGCTGCTACCTGCT
 TCTTGGCTGGGGGGCCCCGCGCTTTTCGTCATTCCCTGGGTGATCGTCAGGTACCTGCGCGAGAACACA
 CAGTGTGGGAGCGCAACGAAGTCAAAGCCATTTGGTGGATCATTGCACTCCCATCCTAATAACCATCT
 TGATCAATTTCTCATCTTCATCCGCATCCTTGGCATCCTGTTTCAAAGCTGAGGACACGGCAGATGCG
 CTGCCCGACTACCGACTAAGGTGGCTCGCTCCACGCTGACACTGGTGGCCCTGCTGGGTGTCCACGAG
 GTGGTGTTCGCGCTGTGACGGAGAACAGGTTGAAGGCTCCCTGCGCTTCGCCAAACTGGCCTTTGAAA
 TCTTCTAAGTTCCTCCAGGTTTCTGGTGACGCTGCTACTGCTTCAACAAGAGGTGCAGT
 GGAGATCCGCCAGGGTTGGCGCCACCGCGCTGCGTCTCAGTCTTCAAGAGCAGCGTCCACGTCGCGAC
 CAGGAACTCGCCCCCGGCTGTGCCTTTGAGCTCTGCGTGCCGAGAAGTGCCTTGGCAACGCCTTGC
 CCTCTGGGATGCTGCATGTGCTGGGGATGAGGTCTTGGAAAGTTACTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223859 representing NM_001080815
 Red=Cloning site Green=Tags(s)

MPLRLLLLLWGLQWAETDSEGQTTTGGELYQRWEHYGQECQKMLETTEPPSGLACNGSFDMYACWNYT
 AANTTARVSCPWYLPWFRQVSAGFVFRQCGSDGQWGSWRDHTQCENPEKNGAFQDQTLILERLQIMYTVG
 YSLSLTLLLLALLILSLFRRLHCTRNYIHMNLF SFMLRAAAILTRDQLLPPLGPTGDQAPTWNQALA
 ACRTAQIMTQYCVGANYTWLLVEGVYLLHLLVIIVGRSEKGFRCYLLLLGWGAPALFVIPWVIVRYLRENT
 QCWERNEVKAIWWIIRTPILITILINFLIFIRILGILVSKLRTRQMRCPDYRLRLARSTLTLVPLLGVHE
 VVFAPVTEEQVEGSLRFALFAFEIFLSSFQGFVSVLYCFINKEVQSEIRQWRHRRRLRLSLQEQRPRPH
 QELAPRAVPLSSACREAAVGNALPSGMLHVPGDEVLESYC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9017_c08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001080815

ORF Size: 1380 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

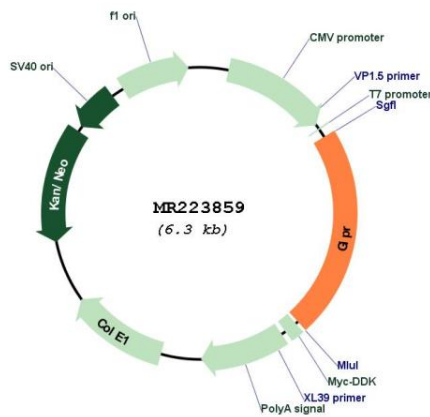
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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_001080815.1](#), [NP_001074284.1](#)
 RefSeq Size: 1792 bp
 RefSeq ORF: 1383 bp
 Locus ID: 381853
 UniProt ID: [Q0P543](#)
 Cytogenetics: 7 A3
 MW: 53.4 kDa

Gene Summary: This is a receptor for GIP. The activity of this receptor is mediated by G proteins which activate adenyl cyclase (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223859