

Product datasheet for **MG207282**

Gpr39 (BC085285) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr39 (BC085285) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Gpr39
Synonyms:	4933415E13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207282 representing BC085285
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTTCATCCAGTGGCTCCAACCACATCTGCTCCCCTGTCATCGATCACAGCCATGTTCTGAATTTG
 AGGTGGCCACTTGGATCAAAATCACCTCATCTTGGTGTACCTGATCATCTTTGTGGTAGGCATCTTGGG
 CAACAGCGTCACCATCAGGGTTACGCAGGTATTGCAGAAGAAGGGCTATTTGCAGAAGGAGGTGACAGAT
 CACATGGTCAGTTTGGCTTGTTAGATATCTTGGTCTTTTTGATTGGCATGCCCATGGAGTTCTACAGCA
 TCATTTGGAACCCCTGACCACACCCAGCTATGCTCTGCTCTGTAAGCTCCACACGTTCTCTTTGAGAC
 GTGCAGCTACGCCACACTGCTGCACGTGCTGACCCTCAGCTTTGAGCGCTACATTGCCATTTGTCATCCC
 TTCAAGTATAAAGCAGTGTCTGGACCTCGCCAGGTGAAACTGCTGATTGGCTTTGTATGGGTACCTCCG
 CCCTGGTGGCACTGCCTTTGCTCTTTGCCATGGGTATCGAGTACCCTCTGGTAAACGTACCCACTCACAA
 GGGACTCAACTGCAACCTCTCTCGACCCGCCACCACGATGAACCTGGAACTCCAATATGTCCATCTGC
 ACGAACCTCTCAACCGTTGGGAGGTCTTCCAGTCCAGCATCTTTGGGGCCTTTGCTGTTTACCTGGTGG
 TCCTGGCGTCTGTGGCTTTCATGTGTTGGAATATGATGAAAGTGCTAATGAAGAGCAAGCAGGGCACTCT
 TGCAGGGACCGGCCACAGCTCCAGCTGAGGAAGTCAAGAGTGAAGAGAGCCGGACAGCAAGAAGACAG
 ACCATCATATTCCTGAGACTGATTGTGGTGACGTTGGCCGTGTGTTGGATGCCCAATCAGATCCGACGGA
 TCATGGCTGCAGCAAAACCCAAACATGACTGGACCAGAACGTAATTCAGGGCATAACATGATCCTCCTGCC
 CTTCTCCGACACCTTCTTCTACCTCAGCTCCGTGGTCAACCTCTCCTCTACAACGTGTCCTCTCAGCAG
 TTCCGGAAGGTGTTCTGGCAGGTGCTCTGCTGCCGCTGACTCTGCAGCATGCCAACCAAGAGAAACGCC
 AGCGTGCCCGCTTCATCTCCACCAAGGACAGCACCAGCTCAGCCCGCAGCCCCCTCATCTTCTAGCTTC
 CCGGCGCAGTAACCTTCTCCTCCAGGAGAACTAACAAGGTTTTCTTAAGCACTTTTCAGACTGAGGCCAAG
 CCTGGAGAGGCTAAGCCCGACCCCTTGTGCTGAGTCAACACAGACTGGCTCAGAGACCAACCAGCTG
 GGTCCACCACAGAAAATAGTTTACAGGAGCAGGAAGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207282 representing BC085285
 Red=Cloning site Green=Tags(s)

MASSSGSNHICSRVIDHSHVPEFEVATWIKITLILVYLIIFFVVGILGNSVTIRVTQVLQKKGYLQKEVTD
 HMYSLACSDILVFLIGMPMEFYIIWNPLTTPSYALSCKLHTFLFETCSYATLLHVLTLSEFYIAIICHP
 FKYKAVSGPRQVKLLIGFVWVTSALVALPLLFAMGIEYPLVNVPTHKGLNCLSRTRHHDEPGNSNMSIC
 TNL SNRWEVFQSSIFGAFVYLVLASVAFMCWNMMKVLMSKQGTLAGTGPQLQRKSESEESRTARRQ
 TIIIFLRLIVVTLAVCWMPNQIRRIMAAAKPKHDWTRTYFRAYMILLPFSDTFFYLSVVNPLL YNVSSQQ
 FRKVFVQVLCRLTLQHANEKQRARFISTKDSTSSARSPLIFLASRRSNSRRRTNKVFLSTFQTEAK
 PGEAKPQPLSPESPQTGSETKPGSTTENSLEQEV

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC085285

ORF Size: 1368 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.

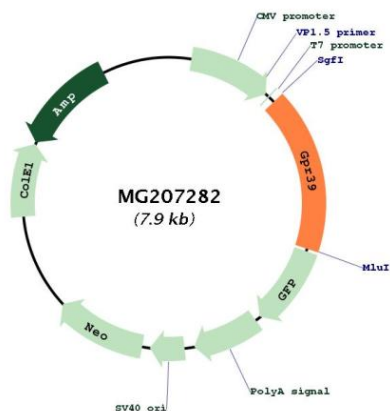
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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: [BC085285](#), [AAH85285](#)

RefSeq Size: 2713 bp
 RefSeq ORF: 1370 bp
 Locus ID: 71111
 Cytogenetics: 1 E2.3-E3

Product images:



Circular map for MG207282