

Product datasheet for **RN205502**

Gpr119 (NM_181770) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr119 (NM_181770) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr119
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205502 representing NM_181770
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTCATCTTTCTCATTGGAGTGATCCTTGCTGCTCCTGACCATCCTTATCATTGCTGTTAATGCGC
 TGGTGGTTGTGGCTATGCTGCTATCAATCTACAAGAATGATGGTGTGGCCTTTGCTTCACCTAAATCT
 GGCCGTGGCTGATACCTTGATTGGCGTGCTATTTCTGGGCTAGTTACAGACCAGCTCTCCAGCTCTGCT
 CAGCACACACAGAAGACCTTGTGTAGCCTTCGGATGGCATTTCGTCACCTTCTCTGCAGCCGCTCTGTCC
 TCACGGTCATGCTGATTGCCTTTGACAGGTACCTGGCCATTAAGCAGCCCTCCGTTACTTCCAGATCAT
 GAATGGGCTTGTAGCCGGAGGATGCATTGCAGGGCTGTGGTTGATATCTTACCTTATCGGCTTCTCCCA
 CTTGGAGTCTCCATATCCAGCAGACCCTACCATGGGCCCTGCACCTCTTTGCTGTGTTTACCACAA
 GGTGGTGTGCTGACCTCTCCTGTGCTGGCTTCTCCAGCTGTGCTCCTTTGTCTTCTTACTGTGA
 CATGCTCAAGATTGCCTCTGTGCACAGCCAGCACATCCGGAAGATGGAACATGCAGAGCCATGGTTGGA
 GCTTGCCGGCCCCACGGCCTGTCAATGACTTCAAGGCTGTCCGACTGTATCTGTCCTTATTGGGAGCT
 TCACCCTGTCCTGGTCTCCGTTTCTCATCACTAGCATTGTGCAGGTGGCCTGCCACAAATGCTGCCTCTA
 CCAAGTCTGGAAAAATACCTCTGGCTCCTTGGAGTTGGCAACTCCCTGCTCAACCCACTCATCTATGCC
 TATTGGCAGAGGGAGGTTCCGGCAGCAGCTTGCCACATGGCCCTGGGGCTACTTGCTGATGGCAGTACAC
 AACCCCAAATTGAGACTGAAAGGGAAGGAAGAGAGAAAGAAGGTAGGAAGAAAGACGCTGTACACATG
 TGATGCACAGACGCTGTACACATGTGATGCACAGACGCTGTACACATGTGATGCACAGACGCTGTACACA
 TGTGATGCATGTGATACACAGACTGTACACATGTGATGCACAGACGCTGTACACATGTGATGCACAGA
 CGCTGTACACATGTGATGCACAGACGCTGTACACATGTGATGCACAGACGCTGTACACATGTGATGCACA
 GACTGTACACATGTGATACACAGACGCTGTACACATGTGATGCACAGACGCTGTACACATGTGATGCA
 CAGACGCTGTACACATGTGATGCACAGACGCTGTACACATGTGATGCACAGACGCTGTACACATCAAGTT
 TGGTAAGTGGCCAAACTGAGCAGACACCACTGAAACGAGCAAACATGAGTGATCCTCTGAGGACATGCAG
 GGGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_181770
Insert Size: 1407 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_181770.1</u> , <u>NP_861435.1</u>
RefSeq Size:	1407 bp
RefSeq ORF:	1407 bp
Locus ID:	302813
UniProt ID:	<u>Q7TQN8</u>
Cytogenetics:	Xq36
Gene Summary:	a member of the rhodopsin subgroup of the G protein-coupled receptor superfamily [RGD, Feb 2006]