

Product datasheet for RN201195

Gpr19 (NM_080579) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpr19 (NM_080579) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpr19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201195 representing NM_080579 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTTTTGATCACAGAATGGAGACCGACCAGCCCCCTGTGGTTACTGCTACCCTGCTGGTGCCCTTC
AGAATGGCAGCTGTGTGGAAGCGGCCGAGGCCCTGCTGCCCATGGCCTGATGGAATTGCATGAGGAACA
CAGCTGGATGAGCAACAGGACAGACCTTCAGTACGAGCTGAACCCCGGAGAGGTGGCCACAGCCAGCATT
TTCTTTGGCGCTTTGTGGTTGTTCTCTATCTTTGGCAATCCCTTGTGTGTCTGGTCATCCATAGGAGCC
GGAGGACTCAGTCCACCACCACTACTTTGTGGTCTCCATGGCGTGTGCTGACCTTCTCATCAGTGTGC
CAGCACACCGTTTGTCTGTGCTGCACTTCACTACCGGGAGGTGGACCCTCGGGAGCGCCATGTGCAAGGTG
GTCCGCTACTTCCAGTATCTCACCCAGGCGTCCAGATCTACGTGCTGCTCTCCATCTGCATAGACCGCT
TCTACACCATCGTCTACCCTCTGAGCTTCAAGGTGTCCAGAGAAAAGGCCAAGAGAATGATCGCAGCCTC
CTGGATCTTGGACGCAGCCTTCTGACGCTGTCTTCTTTTCTACGGCTCTAACTGGGATAGCCACTGT
AACTACTTCTCCACCCTCCTGGGAGGGAAGTGCCTATACTGTTATCCACTTCTTGGTGGGCTTTGTGA
TTCCCTCTGTCTCATAATCCTGTTTTACCAGAAAGTCATAAAGTATATCTGGAGAATAGGCACGGACGG
GCGGACCCTGAGGAGACAATGAACATTGTCCCCAGGACCAAGGTGAAGACGGTCAAGATGTTTCTGCTC
TTGAACCTTGTGTTCTCTGCTGGTGCCTTTCCATGTGGCTCAGCTCTGGCATCCCCATGAGCAAG
ACTACAGGAAGAGCTCCCTGTTTTACAGCAGTACGTTGGTGTCTTTCAGCTCTTCGGCTCTAAACC
CACTCTGTACTCTATTTATAACGCCAATTTTCGGAGAGGGATGAAAGAGACTTTCTGCATGTCTCAATG
AAATGTTACCGCAGCAATGCCTACACCATCACGACCAGTCAAGGATGGCCAAAAGAAACTATGTGGGCA
TTTCGGAAATCCCTCCCGTGAGCAGGACGATAACCAAAGACTCCATCTATGACTCATTTGACCGTGAGGC
CAGGGAGAAGAAGCTCGCTGGCCATCAACTCAAACCCACCAACACTTTTGTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1928_a12.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_080579
Insert Size:	1248 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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:	NM_080579.1 , NP_542146.1
RefSeq Size:	1544 bp
RefSeq ORF:	1248 bp
Locus ID:	312787
UniProt ID:	P70585
Cytogenetics:	4q43
Gene Summary:	orphan G-protein coupled receptor, similar to D2 dopamine and adrenergic receptors [RGD, Feb 2006]