

## Product datasheet for **RG220379**

### GPR19 (NM\_006143) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GPR19 (NM_006143) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GPR19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG220379 representing NM_006143 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTTTGCTCACAGAATGGATAACAGCAAGCCACATTTGATTATTCCTACACTTCTGGTGCCCTCC  
AAAACCGCAGCTGCACTGAAACAGCCACACCTCTGCCAAGCCAATACCTGATGGAATTAAGTGAGGAGCA  
CAGTTGGATGAGCAACCAACAGACCTTCACTATGTGCTGAAACCGGGGAAGTGCCACAGCCAGCATC  
TTCTTTGGGATTCTGTGGTTGTTTTCTATCTTCGCAATCCCTGGTTTGGTTCATCCATAGGAGTA  
GGAGGACTCAGTCTACCACCACTACTTTGTGGTCTCCATGGCATGTGCTGACCTTCTCATCAGCGTTGC  
CAGCAGCCTTTTCGTCCTCCAGTTCACCACTGGAAGGTGGACGCTGGGTAGTGCAACGTGCAAGGTT  
GTGCGATATTTCAATATCTCACTCCAGGTGTCCAGATCTACGTTCTCCTCTCCATCTGCATAGACCGGT  
TCTACACCATCGTCTATCCTCTGAGCTTCAAGGTGTCCAGAGAAAAGCCAAGAAAATGATTGCGGCATC  
GTGGATCTTTGATGCAGGCTTTGTGACCCTGTGCTCTTTTTCTATGGCTCCAAGTGGGACAGTCATTGT  
AACTATTTCTCCCCTCCTTTGGGAAGGCACTGCCTACACTGTCATCCACTTCTTGGTGGGCTTTGTGA  
TTCCATCTGTCTCATAATTTATTTACCAAAAGGTCAAAAATATTTGGAGAATAGGCACAGATGG  
CCGAACGGTGAGGAGACAATGAACATTGTCCCTCGGACAAAAGTAAAATCAAGATGTTCCCTCATT  
TTAAATCTGTTGTTTTGCTCTCCTGGTGCCTTTTCATGTAGCTCAGCTATGGCACCCCATGAACAAG  
ACTATAAGAAAAGTTCCTTGTTTTACAGCTATCACATGGATATCCTTTAGTTCCTCAGCCTCTAACC  
TACTCTGTATTCAATTTATAATGCCAATTTTCGGAGAGGGATGAAAGAGACTTTTTGCATGTCTCTATG  
AAATGTTACCGAAGCAATGCCTATACTATCACAAAGTCAAGGATGGCCAAAAAACTACGTTGGCA  
TTTCAGAAATCCCTTCCATGGCCAAAATATTACCAAAGACTCGATCTATGACTCATTGACAGAGAAGC  
CAAGGAAAAAAGCTTGCTTGCCCATTAACCAATCCACCAATACTTTTGTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

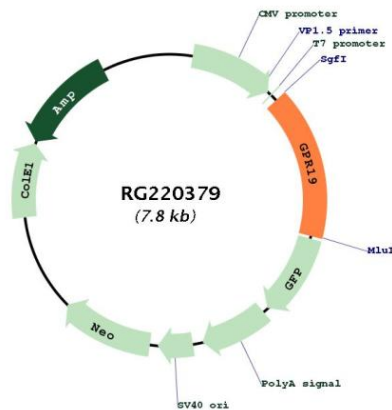


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<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_006143.2</a></u>
<b>RefSeq Size:</b>	1409 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	2842
<b>UniProt ID:</b>	<u><a href="#">Q15760</a></u>
<b>Cytogenetics:</b>	12p13.1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Gene Summary:</b>	Orphan receptor.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG220379