

## Product datasheet for **SC327463**

### GPR17 (NM\_001161417) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GPR17 (NM_001161417) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR17
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001161417, the custom clone sequence may differ by one or more nucleotides

```
ATGAATGGCCTTGAAGTGGCTCCCCAGGTCTGATCACCAACTTCTCCCTGGCCACGGCA
GAGCAATGTGGCCAGGAGACGCCACTGGAGAACATGCTGTTGCGCTCCTTCTACCTTCTG
GATTTTATCCTGGCTTTAGTTGGCAATACCCTGGCTCTGTGGCTTTTCATCCGAGACCAC
AAGTCCGGGACCCCGCCAACGTGTTCTGATGCATCTGGCCGTGGCCGACTTGTGCGTGC
GTGCTGGTCTGCCACCCCGCTGGTCTACCACTTCTCTGGGAACCACTGGCCATTTGGG
GAAATCGCATGCCGTCTACCCGGCTTCTCTTCTACCTCAACATGTACGCCAGCATCTAC
TTCCTCACCTGCATCAGCGCCGACCGTTTCTGGCCATTGTGCACCCGGTCAAGTCCCTC
AAGCTCCGAGGCCCTCTACGCACACCTGGCCTGTGCCTTCTGTGGTGGTGGTGGCT
GTGGCCATGGCCCGCTGCTGGTGAGCCACAGACCGTGCAGACCAACCACACGGTGGTC
TGCTGCAGCTGTACCGGAGAAGGCCTCCCACCATGCCCTGGTGTCCCTGGCAGTGGCC
TTCACCTTCCCGTTCATCACCACGGTACCTGCTACCTGCTGATCATCCGCAGCCTGCGG
CAGGGCCTGCGTGTGGAGAAGCGCCTCAAGACCAAGGCAGTGCATGATCGCCATAGTG
CTGGCCATCTTCTGGTCTGCTTCGTGCCCTACCACGTCAACCGTCCGTCTACGTGCTG
CACTACCGCAGCCATGGGGCCTCCTGCGCCACCCAGCGCATCCTGGCCCTGGCAAACCGC
ATCACCTCCTGCCTCACCAGCCTCAACGGGGCACTCGACCCCATCATGATTTCTTCGTG
GCTGAGAAGTCCGCCACGCCCTGTGCAACTTGCTCTGTGGCAAAGGCTCAAGGGCCCCG
CCCCCAGCTTGAAGGGAAAACCAACGAGAGCTCGCTGAGTGCCAAGTCAGAGCTG
```

Restriction Sites:	Please inquire
ACCN:	NM_001161417
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



[View online »](#)

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<a href="#">NM_001161417.1</a> , <a href="#">NP_001154889.1</a>
<b>RefSeq Size:</b>	2315 bp
<b>RefSeq ORF:</b>	1020 bp
<b>Locus ID:</b>	2840
<b>UniProt ID:</b>	<a href="#">Q13304</a>
<b>Cytogenetics:</b>	2q14.3
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Gene Summary:</b>	Dual specificity receptor for uracil nucleotides and cysteinyl leukotrienes (CysLTs). Signals through G(i) and inhibition of adenylyl cyclase. May mediate brain damage by nucleotides and CysLTs following ischemia.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (b) is shorter than isoform a. Both variants 3 and 4 encode the same isoform (b).