

Product datasheet for **SC326930**

GPR17 (NM_001161415) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR17 (NM_001161415) Human Untagged Clone
Tag: Tag Free
Symbol: GPR17
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC326930 representing NM_001161415.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
ATGTCAAACGGAGTTGGTGGGCTGGATCCAGAAAGCCCCAAGAGAGATGCTGAAACTCTCAGGCTCT
GACTCCAGCCAAAGCATGAATGGCCTTGAAGTGGCTCCCCAGGTCTGATCACCAACTTCTCCCTGGCC
ACGGCAGAGCAATGTGGCCAGGAGACGCCACTGGAGAACATGCTGTTCCGCTCCTTCTACCTTCTGGAT
TTATCCTGGCTTAGTTGGCAATACCTGGCTCTGTGGCTTTTCATCCGAGACCACAAGTCCGGGACC
CCGGCCAAAGTGTCTGATGCATCTGGCCGTGGCCGACTTGTGTCGTGCTGGTCTGCCACCCGC
CTGGTCTACCACTTCTGGGAACCACTGGCCATTGGGAAATCGCATGCCGTCACCCGCTTCCCTC
TTCTACCTCAACATGTACGCCAGCATCTACTTCCACCTGCATCAGCCGACCGTTTCCCTGGCCATT
GTGCACCCGGTCAAGTCCCTCAAGCTCCGAGGCCCTCTACGCACACCTGGCCTGTGCCTTCTGTGG
GTGGTGGTGGCTGTGGCCATGGCCCCGCTGCTGGTGAGCCACAGACCGTGCAGACCAACCACACGGTG
GTCTGCCTGCAGCTGTACCGGGAGAAGGCCTCCACCATGCCCTGGTGTCCCTGGCAGTGGCCTTACC
TCCCCGTTTCATCACACGGTCACCTGCTACCTGCTGATCATCCGCAGCCTGCGGCAGGGCCTGCGTGTG
GAGAAGCGCCTCAAGACCAAGGCAGTGCATGATCGCCATAGTCTGGCCATCTTCTGGTCTGCTTC
GTGCCCTACCACGTCAACCGCTCCGTCTACGTGCTGCACTACCGCAGCCATGGGGCTCCTGCGCCACC
CAGCGCATCCTGGCCCTGGCAAACCGCATCACCTCCTGCCTCACCAGCCTCAACGGGGCACTCGACCCC
ATCATGATTTCTTCGTGGCTGAGAAGTTCCGCCACGCCCTGTGCAACTGCTCTGTGGCAAAGGCTC
AAGGGCCCCCCCCAGCTTCGAAGGAAAACCAACGAGAGCTCGCTGAGTGCCAAGTCAGAGCTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-MluI
ACCN: NM_001161415



Insert Size:	1104 bp
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).
OTI Annotation:	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.
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_001161415.1</u>
RefSeq Size:	2609 bp
RefSeq ORF:	1104 bp
Locus ID:	2840
UniProt ID:	<u>Q13304</u>
Cytogenetics:	2q14.3
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	41 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Both variants 1 and 2 encode the same isoform (a).</p>