

Product datasheet for SC106692

GPR61 (NM_031936) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR61 (NM_031936) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR61
Synonyms:	BALGR; GPCR3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_031936, RT-PCR generated ATGGAGTCTCACCCATCCCCAGTCATCAGGGAACCTTCCACTTTGGGGAGGGTCCCT CAAACCCAGGTCCCTCTACTGCCAGTGGGGTCCCGGAGGTGGGGCTACGGGATGTTGCT TCGGAATCTGTGGCCCTCTTCTTCATGCTCCTGCTGGACTTGACTGCTGTGGCTGGCAAT GCCGCTGTGATGGCCGTGATCGCCAAGACGCCTGCCCTCCGAAAATTTGTCTTCGTCTTC CACCTCTGCCTGGTGGACCTGCTGGCTGCCCTGACCTCATGCCCTGGCCATGCTCTCC AGCTCTGCCCTCTTTGACCACGCCCTCTTTGGGGAGGTGGCTGCCGCCTCTACTTGTTT CTGAGCGTGTGCTTTGTGAGCCTGGCCATCCTCTCGGTGTCAGCCATCAATGTGGAGCGC TACTATTACGTAGTCCACCCATGCGCTACGAGGTGCGCATGACGCTGGGGCTGGTGGCC TCTGTGCTGGTGGTGTGTTGGTGAAGGCCTTGCCATGGCTTCTGTGCCAGTGTGGGA AGGGTCTCCTGGGAGGAAGGAGTCCCAGTGTCCCCCAGGCTGTCACTCCAGTGGAGC CACAGTGCCTACTGCCAGCTTTTGTGGTGGTCTTTGCTGTCCTTTACTTTCTGTTGCC CTGCTCCTCATACTTGTGGTCTACTGCAGCATGTTCCGAGTGGCCCGCTGGCTGCCATG CAGCACGGGCCGCTGCCACGTGGATGGAGACACCCCGCAACGCTCCGAATCTCTCAGC AGCCGCTCCACGATGGTCAACGCTCGGGGGCCCCCAGACCACCCACACCGGACGTTT GGGGGAGGAAAGCAGCAGTGGTCTCCTGGCTGTGGGGGACAGTTCCTGCTCTGTTGG TTGCCCTACTTCTTTCCACCTCTATGTTGCCCTGAGTGTCTCAGCCATTTCAACTGGG CAGGTGGAGAGTGTGGTCACTGGATTGGCTACTTTTGTTCACTTCCAACCTTTCTTC TATGGATGCTCAACCGGCAGATCCGGGGGAGCTCAGCAAGCAGTGTGCTGCTCTTC AAGCCAGCTCCAGAGGAGGAGCTGAGGCTGCCTAGCCGGGAGGGCTCCATTGAGGAGAAC TTCCTGCAGTTTCCTTCAAGGGACTGGCTGTCTTCTGAGTCTGGGTTTCCCGACCCCTA CCCAGCCCAAGCAGGAGCCACCTGCTGTTGACTTTCGAATCCCAGGCCAGATAGCTGAG GAGACCTAA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031936 unedited
 GGGGGAATACGGATTTGTNAACCGNACTTACTATNAGGNCGGCGCCAGATGTGATGGA
 ATCTGCAGAAATCGGCTTTTTTCGGCCCCTGGAGTCTCACCCATCCCCAGTCATCAGGGA
 ACTCTTCCACTTTGGGGAGGGTCCCTCAAACCCAGGTCCTCTACTGCCAGTGGGGTCC
 CGGAGGTGGGGCTACGGGATGTTGCTTCGGAATCTGTGGCCCTCTTTCATGCTCCTGC
 TGGACTTGTACTGCTGTGGCTGGCAATGCCGCTGTGATGGCCGTGATCGCCAAGACGCCTG
 CCCTCCGAAAATTTGCTTCGTCTTCCACTCTGCCTGGTGGACCTGCTGGCTGCCCTGA
 CCTCATGCCCTGGCCATGCTCTCCAGCTCTGCCCTCTTTGACCACGCCCTCTTTGGGG
 AGGTGGCCTGCCGCCTCTACTTGTTCAGCGTGTGCTTTGTCAGCCTGGCCATCCTCT
 CGGTGTACGCCATCAATGTGGAGCGCTACTATTACGTAGTCCACCCCATGCGCTACGAGG
 TGCGCATGACGCTGGGGCTGGTGGCCTCTGTGCTGGTGGGTGTGGGTGAAGGCCTTGG
 CCATGGCTTCTGTGCCAGTGTGGGAAGGGTCTCCTGCGAGGAAGGAGCTCCAGTGTCC
 CCCCAGGCTGTCCACTCCAGTGGAGCCACAGTGCCTACTGCCAGCTTTTTGTGGTGGTCT
 TTGCTGCTCTTTACTTTCTGTTGCCCTGCTCCTCATACTTGTGGTCTACTGCAGCATGT
 TCAGAGTGGCCCGGTGGCTGCCATGCAGCACGGGCCGTGCCACGTGGATGGAGACAC
 CCCGGCAACGCTCCGAATCTCTCAGCAGCCGCTCCACGATGGTACCAGCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031936 unedited
 TGTTTTNNNNNNNTTTAACTTTGNNACCGCGCCGCAATCTANGATCGACAGNCTTGAT
 ATCGGTACCGAGCTCGGNATCCCTAGTAACGGCCGCCAGTGTGCTGGAATTCGGCTTAGG
 TCTCCTCAGCTATCTGGCCTGGGATTCGAAAGTCAACAGCAGGTGGCTCCTGCTTGGGGC
 TGGGTAGGGTTCGGAAACCCAGGACTCAGAAGGACAGCCAGTCCCTGAAGGAACTGCA
 GGAAGTTCTCCTCAATGGAGCCCTCCCGCTAGGCAGCCTCAGCTCCTCCTCTGGAGCTG
 GCTTGAAGAAGCAGACAAACTGCTTGTGAGCTCCCCCGGATCTGCCGTTGAGACATC
 CATAGAAGAAAGGGTTGGAAGTGAAGCAAAAGTAGCCAATCCAGGTGACCACACTCTCCA
 CCTGCCAGTTGAAATGGGCTGAGCACTCAGGGCAACATAGAGGTGGAAGAGAAGTAGG
 GCAACCAACAGAGCAGGAACTGTCCCCCAGCCAGGAGAACCCTGCTGCTTTCCCTC
 CCCCAAACGTCCGGTGTGGGGTGGNTCTGGGGGGCCCCGAGCTGGTGACCATCGTGGAG
 CGGCTGCTGAGAGATTCGGAGCGTTGCCGGGTGTCTCCATCCACGTGGGAGCGGCCCG
 TGCTGCATGGCAGCCACGCGGCCACTCGGAACATGCTGCAGTAGACCACAAGTATGAGG
 AGCAGGGGCAACAGAAAGTAAAGGACAGCAAAGACCACCACAAAAGCTGGCAGTAGGCA
 CTGTGGCTCCACTGGAGTGAACAGCCTGGGGGGACTGGGAGTCTCTCCTCCAGGAG
 ACCCTTCCACACTGGCAGAGN

Restriction Sites:

Please inquire

ACCN:

NM_031936

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:	NM_031936.1 , NP_114142.1
RefSeq Size:	1254 bp
RefSeq ORF:	1254 bp
Locus ID:	83873
UniProt ID:	Q9BZJ8
Cytogenetics:	1p13.3
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	This gene belongs to the G-protein coupled receptor 1 family. G protein-coupled receptors contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. The protein encoded by this gene is most closely related to biogenic amine receptors. [provided by RefSeq, Jul 2008]