

Product datasheet for SC120214

GPR101 (NM_054021) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR101 (NM_054021) Human Untagged Clone
Tag: Tag Free
Symbol: GPR101
Synonyms: GPCR6; PAGH2; PITA2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_054021 edited
 ATGACGTCCACCTGCACCAACAGCACGCGGAGAGTAACAGCAGCCACACGTGCATGCC
 CTCTCCAAAATGCCCATCAGCCTGGCCACGGCATCATCCGCTCAACCGTCTGGTTATC
 TTCTCGCCGCTCTTTTGTGCGCAACATAGTGCTGGCGCTAGTGTTCAGCGCAAGCCG
 CAGCTGCTGCAGGTGACCAACCGTTTTATCTTTAACCTCCTCGTACCGACCTGTGCGAG
 ATTTGCTGCTGGCCCCCTGGTGGTGGCCACCTCTGTGCTCTCTTCTGGCCCCCAAC
 AGCCACTTCTGCACGGCCCTGGTTAGCCTACCCACCTGTTGCGCTTCGCCAGCGTCAAC
 ACCATTGTCTGGTGTGAGTGGATCGTACTTGTCCATCATCCACCCTCTCTCTACCCG
 TCCAAGATGACCCAGCGCCGGTTACCTGCTCCTCTATGGCACCTGGATTGTGGCCATC
 CTGCAGAGCACTCTCCACTCTACGGCTGGGGCCAGGCTGCCTTTGATGAGCGCAATGCT
 CTCTGCTCCATGATCTGGGGGGCCAGCCCCAGCTACACTATTCTCAGCGTGGTGTCTTC
 ATCGTCATTCCACTGATTGTCATGATTGCTGCTACTCCGTGGTGTCTGTGCAGCCCGG
 AGGCAGCATGCTCTGCTGTACAATGTCAAGAGACACAGCTTGAAGTGGAGTCAAGGAC
 TGTGTGGAGAATGAGGATGAAGAGGGAGCAGAGAAGAAGGAGGAGTTCCAGGATGAGAGT
 GAGTTTCGCCGCCAGCATGAAGGTGAGGTCAAGGCCAAGGAGGGCAGAATGGAAGCCAAG
 GACGGCAGCCTGAAGGCCAAGGAAGGAAGCAGGGGACCAGTGAAGTGTAGAGGCC
 AGGGGCAGCGAGGAGGTGAGAGAGCAGCACGGTGGCCAGCGCAGGCAGCATGGAGGGT
 AAGGAAGGCAGCACCAAGTTGAGGAGAACAGCATGAAGGCAGACAAGGGTCGCACAGAG
 GTCAACCAAGTGCAGCATTGACTTGGGTGAAGATGACATGGAGTTTGGTGAAGACGACATC
 AATTTTCAGTGAGGATGAGTTCGAGGCGAGTGAACATCCCGGAGAGCCTCCACCCAGTCTG
 CGTAACAGCAACAGCAACCCCTCCTGCCCCAGGTGCTACCAAGTGAAGTGTCTAAAGTG
 ATCTTCATCATATTTTCTCCTATGTGCTATCCCTGGGGCCCTACTGCTTTTTCAGAGTC
 CTGGCCGTGTGGGTGGATGTCGAAACCCAGGTACCCAGTGGGTGATCACCATAATCATC
 TGGCTTTTCTTCTGAGTGTGCATCCACCCCTATGTCTATGGCTACATGCACAAGACC
 ATTAAGAAGGAAATCCAGGACATGCTGAAGAAGTTCTTCTGCAAGGAAAAGCCCCGAAA
 GAAGATAGCCACCCAGACCTGCCCGAACAGAGGGTGGGACTGAAGGCAAGATTGTCCCT
 TCCTACGATTCTGCTACTTTTCCTTGA



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Restriction Sites:	Please inquire
ACCN:	NM_054021
Insert Size:	1500 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>
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_054021.1.
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_054021.1 , NP_473362.1
RefSeq Size:	1527 bp
RefSeq ORF:	1527 bp
Locus ID:	83550
UniProt ID:	Q96P66
Cytogenetics:	Xq26.3
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	The protein encoded by this gene is an orphan G protein-coupled receptor of unknown function. The encoded protein is a member of a family of proteins that contain seven transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. [provided by RefSeq, Sep 2011]