

Product datasheet for **SC315794**

GPR108 (NM_001080452) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR108 (NM_001080452) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR108
Synonyms:	LUSTR2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001080452 edited
 ATGGCAGTGAGCGAGAGGAGGGGGCTCGGCCGCGGGAGCCCCGCGGAGTGGGGGAGCGG
 CTACTTCTGGTGTCTGTTGGGTGGCTGCTCCGGGCGCATCCACCGGCTGGCGCTGACG
 GGGGAGAAGCGAGCGGACATCCAGCTGAACAGCTTCGGTTTCTACACCAATGGCTCTCTG
 GAGGTGGAGTTGAGCGTCTGCGGCTGGGCTCCGGGAGGCAGAGAAGAGAAGTCCCTGCTG
 GTGGGGTTCAGTCTCAGCCGGGTTGGTCTGGCAGAGTTCGCTCCTATTCAACCCGGGAT
 TTCCAGGACTGCCCTCTCCAGAAAAACAGTAGCAGTTTCTGGTCCTGTTCTCATCAAC
 ACCAAGGATCTGCAGGTCCAGGTGCGGAAGTATGGAGAGCAGAAGACGTTGTTTATCTTT
 CCCGGGCTCCTCCGGAAGCACCTCCAAACCAGGGCTCCCGAAGCCACAGGCCACAGTC
 CCCCAGAGGTGGATGGCGGAGGACCTCTGCAGCCAGCAAGCCCAAGTCAACACCCGCA
 GTGATTACAGGTCTAGTGGGAAGGACAAGGACCTGGTGTGGGCTGAGCCACCTCAAC
 AACTCCTACAACCTCAGTTTCCACGTGGTGATCGGCTCTCAGGCGGAAGAAGGCCAGTAC
 AGCCTGAACCTCCACAACGCAACAATCAGTGCCAGGAAAGGAGCATCCATTGACATC
 ACGGTGATGATCCGGGAGAAGAACCCGATGGCTTCTGTGGCAGCGGAGATGCCCTT
 TTCAAGCTCTACATGGTCATGTCCGCTGCTTCTGGCCGCTGGCATCTTCTGGGTGTCC
 ATCCTCTGCAGGAACACGTACAGCGTCTCAAGATCCACTGGCTCATGGCGGCCTTGGCC
 TTCACCAAGAGCATCTCTCTCTCTTCCACAGCATCAACTACTACTTCATCAACAGCCAG
 GGCCACCCCATCGAAGGCCTTGCCGTATGTACTACATCGCACACCTGCTGAAGGGCGCC
 CTCCTTCTCATACCATCGCCCTGATTGGCTCAGGCTGGGCTTCATCAAGTACGTCCTG
 TCGGATAAGGAGAAGAAGGTCTTTGGGATCGTGATCCCATGCAGGTCTGGCCAACGTG
 GCCTACATCATCATCGAGTCCCGCAGGAAGGCGCCAGCGACTACGTGCTGTGGAAGGAG
 ATTTTGTCTCTGGTGACCTCATCTGCTGTGGTGCCATCCTGTTCCCGTAGTCTGGTCC
 ATCCGGCATCTCCAGGATGCGTCTGGCACAGACGGGAAGGTGGCAGTGAACCTGGCCAAG
 CTGAAGCTGTTCCGGCATTACTATGTCATGGTCATCTGCTACGTCTACTTCACCCGCATC
 ATCGCCATCCTGCTGCAGGTGGCTGTGCCCTTTCAGTGGCAGTGGCTGTACCAGCTCTTG
 GTGGAGGGCTCCACCCTGGCCTTCTTCTGCTCACGGGCTACAAGTTCAGCCACAGGG
 AACAAACCGTACCTGCAGCTGCCCCAGGAGGACGAGGAGGATGTTGAGTGGAGCAAGTA
 ATGACGGACTCTGGGTTCCGGGAAGGCCTCTCCAAAGTCAACAAAACAGCCAGCGGGCGG
 GAACTGTTATGATCACCTCCACATCTCAGACCAAAGGTCGTCTCCCCAGCATTCTC
 ACTCTGCCCTTCTTCCACAGCGTATGTGGGAGGTGGAGGGGGTCCATGTGGACCAGGC
 GCCCAGTCCCCGGGACCCCGTTCCTCGGACAAGCCATTTGGAAGAAGAGTCCCTTCT
 CCCCCCAATATTGGGCAGCCCTGCTTACCCGGGACCACCCCTCCCTTCCAGCTATG
 TGTACAATAATGACCAATCTGTTTGGCTAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001080452
Insert Size: 1900 bp

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
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:	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_001080452.1 , NP_001073921.1
RefSeq Size:	2076 bp
RefSeq ORF:	1632 bp
Locus ID:	56927
UniProt ID:	Q9NPR9
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome, Transmembrane