

Product datasheet for SC119213

GPR39 (NM_001508) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR39 (NM_001508) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR39
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119213 sequence for NM_001508 edited (data generated by NextGen Sequencing)

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ATGGCTTCACCCAGCCTCCCGGGCAGTGACTGCTCCCAAATCATTGATCACAGTCATGTC
CCCGAGTTTGAGGTGGCCACCTGGATCAAATCACCTTATTCTGGTGTACCTGATCATC
TTCGTGATGGGCTTCTGGGGAACAGCGCCACCATTCCGGGTCACCCAGGTGCTGCAGAAG
AAAGGATACTTGCAGAAGGAGGTGACAGACCACATGGTGAGTTTGGCTTCTCGGACATC
TTGGTGTCTCATCGGCATGCCATGGAGTTCTACAGCATCATCTGGAATCCCCTGACC
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GCTACGCTGCTGCACGTGCTGACACTCAGCTTTGAGCGCTACATCGCCATCTGTACCCCC
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GTCACCTCCGCCCTGGTGGCACTGCCCTTGCTGTTTGCCATGGGTACTGAGTACCCCTGT
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CAGCCCGAGACCTCCAATATGTCCATCTGTACCAACCTCTCCAGCCGCTGGACCGTGTTT
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ACCATCATCTTCCTGAGGCTGATTGTTGTGACATTGGCCGTATGCTGGATGCCCAACCAG
ATTCGGAGGATCATGGCTGCGGCCAAACCAAGCAGACTGGACGAGGTCTACTTCCGG
GGTACATGATCCTCCTCCCCTTCTCGGAGACGTTTTTCTACCTCAGCTCGGTATCAAC
CCGCTCCTGTACACGGTGTCTCGCAGCAGTTTTCGGCGGGTGTTCGTGCAGGTGCTGTGC
TGCCGCTGTGCTGCGTGCAGCACGCCAACCACGAGAAGCGCCTGCGCGTACATGCGCACTCC
ACCACCGACAGCGCCCGCTTTGTGCAGCGCCCGTGTCTTTCGCGTCCCGGCGCCAGTCC
TCTGCAAGGAGAACTGAGAAGATTTTCTTAAGCACTTTTCAGAGCGAGGCCGAGCCCCAG
TCTAAGTCCCAGTCATTGAGTCTCGAGTCACTAGAGCCCAACTCAGGCGCGAAACCAGCC
AATTCTGCTGCAGAGAATGGTTTTTCAGGAGCATGAAGTTTGA

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Clone variation with respect to NM_001508.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001508 unedited</p> <pre>GGGGGGGNNNNNNNNNNNNNNNNNNNNNTTNNNTTNNNNNNNNNNNNNGGGTTCANATTTGT ATACAACATCATATAGGGCGGCGCGATTTCGGCAGCAGCCTGGGCCTCTCCTAGTTGGGCT GCTCCAGCAAGTTTCCATGAAAGCACCTGAAATACTAAGTTACCTTCGCGAGGAGAACTC GAGTGAGATAAAATCGTGCGCCACGCAGGTGAGTTTGCAGCCAAGAATTTGGACGCTG CTGGGAGGAGAAAAGGAAGTTGAGAAAGTCTTTGGACCTGGTAGCCTGGTGTCTTTCTC ATGGCTTCACCCAGCCTCCCGGGCAGTGACTGCTCCCAAATCATTGATCAGTCAATGTC CCCGAGTTTGAGGTGGCCACCTGGATCAAATCACCCCTTATTCTGGTGTACCTGATCATC TTCGTGATGGGCTTCTGGGGAACAGCGCCACCATTTCGGGTACCCAGGTGCTGCAGAAG AAAGGATACTTGCAGAAGGAGGTGACAGACCACATGGTGAAGTTTGGCTTGTCTCGGACATC TTGGTGTCTCATCGGCATGCCATGGAGTTCTACAGCATCATCTGGAATCCCTGACC ACGTCCAGCTACACCCTGTCTGCAAGCTGCACACTTTCTCTTCGAGGCCTGCAGCTAC GCTACGCTGCTGCAGTGTGCACTCAGCTTTGAGCGCTACATCGCCATCTGTCACCCC TTCAGGTACAAGGCTGTGTGGGACCTTCCAGGTGAAGCTGCTGATTGGCTTCGTCTGG GTCACCTCCGCCCTGGTGGCACTGCCCTTGTGTTTGCATGGGTACTGAGTACCCNCTG GTGAACGTGCCACGCCCGGNGTCTCACTTGCAACCGCTNCAGCACCCGNCACCACGAG CAGCCCGAGAACCTCCATATGTNCATCTGTACCACCTCTNCAGCCGCTGGNACCCTGTG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' genomic read for NM_001508 unedited</p> <pre>TTTTTTTTTTTCTATTTAACAGCTCTTTATTAACAGGTTTTTACAGGTTTTGGCATCTCA AATCGCTTTTGGAAACAGTTTTGTAAAATAATGAAATAGGGCCTGTCTTTTACCATC TATCTTGAATATCAATGAAACAATCCGAAGCACTTCCCTGACCTCACCTATTCTTTGGG TGGGGAGGAGTAAGGAAAACCTGTCCGTTTGGATTTGGGCTGAAAGGGACAGCTTTTTT TTTGCCGGGCAGTTAACTCAGCTCCTTTGGGTCTGTGTTACAGGGATCATGTCCCGCA AGTCTGTGCATCATCAGCGCCCTGTCTCATCGCCTTTGCCGGTACCAGTCCTTTTGTG CCCCAGGGAACGAACTGAACTCAGTTTGCATCAGCTGCTGCAACACCCTTTTTGTAACGGG CAAGGCCCAAAAAAGGGGAAGTTCTGCCTCGCCCTTAGGCCAGGGCTCCGCACCACCA TCCTGTTCTCAAATTACCCTCTTCTCGGCACACTGCTGAAGC</pre>
Restriction Sites:	Please inquire
ACCN:	NM_001508
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).
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_001508.1</u> , <u>NP_001499.1</u>
RefSeq Size:	1362 bp

RefSeq ORF:	1362 bp
Locus ID:	2863
UniProt ID:	<u>O43194</u>
Cytogenetics:	2q21.2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	This gene is a member of the ghrelin receptor family and encodes a rhodopsin-type G-protein-coupled receptor (GPCR). The encoded protein is involved in zinc-dependent signaling in epithelial tissue in intestines, prostate and salivary glands. The protein may also be involved in the pathophysiology of depression. [provided by RefSeq, Jun 2016]