

Product datasheet for **SC300481**

GPR 139 (GPR139) (NM_001002911) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR 139 (GPR139) (NM_001002911) Human Untagged Clone
Tag: Tag Free
Symbol: GPR 139
Synonyms: GPRg1; PGR3
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001002911 edited
 ATCACGGCCAAGGGTAGGAGCCAGTCCTGCGGGGAGAGAGGCGCTGCTGCTCCAGCTGCC
 GCTGCCCTCCGCCCGCCACCACCGAGCCGGCGACCAGAGTCGGGCTGGCAGGCCGGGGC
 CGAAGCGGCAAGGGGAGCGAGGGGCGCGCTCATGGAGCACACGCACGCCACCTCGCAGC
 CAACAGCTCGCTGTCTTGGTGGTCCCCGGCTCGGCTGCGGCTTGGGTTTCGTGCCCGT
 GGTCTACTACAGCCTCTTGTGTGCCTCGGTTTACCAGCAAATATCTTGACAGTGATCAT
 CCTCTCCAGCTGGTGGCAAGAAGACAGAAGTCCTCCTACAATATCTCTTGGCACTCGC
 TGCTGCCGACATCTTGGTCTCTTTTTCATAGTGTGGTGGACTTCTGTGGAAGATT
 CATCTTGAACATGCAGATGCCTCAGGTCCCGACAAGATCATAGAAGTGTGGAATTCTC
 ATCCATCCACACCTCCATATGGATTACTGTACCGTTAACCATTGACAGGTATATCGTGT
 CTGCCACCGCTCAAGTACCACACGGTCTCATACCCAGCCGACCCGGAAAGTCATTGT
 AAGTGTTTACATACCTGCTTCCGTGACCAGCATCCCCTATTACTGGTGGCCAACATCTG
 GACTGAAGACTACATCAGCACCTCTGTGCATCACGTCTCATCTGGATCCACTGCTTAC
 CGTCTACCTGGTGCCTGCTCCATCTTCTTCTCATCTTGAATCAATCATTGTGTAAGCT
 CAGGAGGAAGAGCAATTTTCGTCTCCGTGGCTACTCCACGGGGAAGACCACCGCCATCTT
 GTTACCATTACCTCCATCTTGGCACACTTTGGGCCCGCATCATGATTCTTTA
 CCACCTCTATGGGGCGCCATCCAGAACCGTGGCTGGTACACATCATGTCGACATTGC
 CCGGTTCCGCACCATGGCAGCCCGCACGCTCAAGGCTTTCTTCAAGTGCCAGAAGCAACC
 TGTACAGTTCTACACCAATCATAACTTTTCCATAACAAGTAGCCCTGGATCTCGCCGGC
 AAACCTCACAATGATCAAGATGCTGGTGTACCAGTATGACAAAAATGGAAAACCTATAAA
 AGTATCCCGTGATTCCATAGGTGTGGCAACTACTGCCTCTGTCTAATCCATTTCCAGAT
 GGGAAAGGTGTCCCATCTATGGCTGAGCA

Restriction Sites: Please inquire
ACCN: NM_001002911



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Insert Size:	1300 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001002911.1.
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:	<u>NM_001002911.1</u> , <u>NP_001002911.1</u>
RefSeq Size:	1167 bp
RefSeq ORF:	1062 bp
Locus ID:	124274
UniProt ID:	<u>Q6DWJ6</u>
Cytogenetics:	16p12.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes a member of the rhodopsin family of G-protein-coupled receptors. The encoded protein is almost exclusively expressed in the central nervous system. L-tryptophan and L-phenylalanine may act as the physiologic ligands of the encoded protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016] Transcript Variant: This variant (1) encodes the longer isoform (1).