

## Product datasheet for **SC319664**

### GPR146 (NM\_138445) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GPR146 (NM_138445) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR146
Synonyms:	PGR8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_138445.2  
 CGCCGGCCGCATGTGGAGCTGCAGCTGGTTCAACGGCACAGGGCTGGTGGAGGAGCTGC  
 CTGCCTGCCAGGACCTGCAGCTGGGGCTGTCACTGTTGTGCGTGTGGGCCTGGTGGTGG  
 GCGTGCCAGTGGGCTGTGCTACAACGCCCTGTGGTGTGGCCAACCTACACAGCAAGG  
 CCAGCATGACCATGCCGGACGTGACTTTGTCAACATGGCAGTGGCAGGCCTGGTGTCTA  
 GCGCCCTGGCCCTGTGCACCTGCTCGGCCCCCGAGCTCCCGGTGGGCGCTGTGGAGTG  
 TGGCGGGCAAGTCCACGTGGCACTGCAGATCCCCTTCAATGTGTCTCACTGGTGGCCA  
 TGTACTCCACCGCCTGTGAGCCTCGACCACTACATCGAGCGTGCAGTCCCGCGGACCT  
 ACATGGCCAGCGTGTACAACACGCGGCAGTGTGCGGCTTCGTGTGGGTGGCGCGCTGC  
 TGACCAGTTCTCCTCGCTGCTCTTCTACATCTGCAGCCATGTGTCCACCCGCGCGCTAG  
 AGTGCCCAAGATGCAGAACGCAGAAGCTGCCGACGCCACGCTGGTGTTCATCGGCTACG  
 TGGTGCCAGCACTGGCCACCCTTACGCGCTGGTGTACTCTCCCGCTCCCGAGGGAGG  
 ACACGCCCTGGACCGGGACACGGGCCGGCTGGAGCCCTCGGCACACAGGCTGCTGGTGG  
 CCACCGTGTGCACGCAGTTTGGGCTCTGGACGCCACACTATCTGATCCTGCTGGGGCACA  
 CGGTCATCATCTCGCGAGGGAAGCCCGTGGACGCACACTACCTGGGGCTACTGCACCTTG  
 TGAAGGATTTCTCAAACCTCCTGGCCTTCTCCAGCAGCTTTGTGACACCCTTCTCTACC  
 GCTACATGAACCAGAGCTTCCCCAGCAAGCTCCACGGCTGATGAAAAAGCTGCCCTGCG  
 GGGACCGCACTGCTCCCGGACCACATGGGGGTGCAGCAGGTGCTGGCGTAGGGCGGCC  
 AGCCCTCCTGGGAGACGTGACTCTGGTGGACGCAGACACTTAGTTACCCTGGACGCTC  
 CCCACATCCTTCCAGAAGGAGACGAGCTGCTGGAAGAGAAGCAGGAGGGGTGTTTTTCTT  
 GAAGTTTCCTTTTTCCACAAATGCCACTCTTGGGCCAAGGCTGTGGTCCCGTGGCTGG  
 CATCTGGCTTGTAGTCTCCCGAGGCCTGTGCGTCTCCCAAACACGCAGCTCAAGTCCAC  
 ATCTGCAAAAAGCCTCCTCGCCTCAGCCTCCTCAGCATTGCTTGTCAATGAAGTGTG  
 AAAGCTTAGAGCCAGTATTTATACTTTGTGGTTAAAATACTTGATTCCCCCTTGTGTT  
 TTACAAAAACAGATGTTTCTAGAAAAATGACAAATAGTAAAATGAACAAAACCTACGA  
 AAGAATGGCAACAGCCAGGGTGGCCGGCCCTGCCAGTGGGCGGCGTGTGCTAGCAAGGC  
 CTGCCGGTGTGCCGAGTACCACAGGTTCTGAGAACATTTACAGAAGTGCCTGAGA  
 CGCGGAGACATGGCTGGTGTAAATGGAGCTATTCAATAGCAGTACGCGCTCTCCTCAG  
 CCACCAAATGTCCCTGACACCCTCCCAGCCCCACAGATAACATCAGCTGAGGTTTTTT  
 TCAGTATGAACCTGTCTAAATCAATTCCTCAAAGTGTGCACAAAACCTAAAGAATATAAA  
 TAAACAAAAGAAAGGTGAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_138445

**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:** 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_138445.2, NP_612454.1</u>
<b>RefSeq Size:</b>	1776 bp
<b>RefSeq ORF:</b>	1002 bp
<b>Locus ID:</b>	115330
<b>UniProt ID:</b>	<u>Q96CH1</u>
<b>Cytogenetics:</b>	7p22.3
<b>Domains:</b>	7tm_1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Gene Summary:</b>	Orphan receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an exon in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.