

Product datasheet for **SC307369**

GPR141 (NM_181791) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR141 (NM_181791) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR141
Synonyms:	PGR13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_181791 edited ATGCCTGGCCACAATACCTCCAGGAATTCCTCTTGCGATCCTATAGTGACACCCCACTTA ATCAGCCTCTACTTCATAGTGCTTATTGGCGGGCTGGTGGGTGCATTTCCATTCTTTTC CTCCTGGTGAAAATGAACACCCGGTCAGTGACCACCATGGCGGTCACTAACTTGGTGGTG GTTCCACAGCGTTTTCTGCTGACAGTGCCATTTGCTTACCTACCTCATCAAGAAGACT TGGATGTTGGGCTGCCCTTCTGCAAAATTTGTGAGTGCCATGCTGCACATCCACATGTAC CTCACGTTCTATTCTATGTGGTGATCCTGGTCACCAGATACCTCATCTTCTCAAGTGC AAAGACAAAGTGGAAATTCTACAGAAAAGTGCATGCTGTGGCTGCCAGTGTGGCATGTGG ACGCTGGTGATTGTCATTGTGGTACCCCTGGTTGTCTCCCGGTATGGAATCCATGAGGAA TACAATGAGGAGCACTGTTTTAAATTTACAAAAGAGCTTGCTTACACATATGTGAAAATC ATCAACTATATGATAGTCATTTTTGTGCATAGCCGTTGCTGTGATTCTGTTGGTCTCCAG GTCTTCATCATTATGTTGATGGTGCAGAAGCTACGCCACTCTTTACTATCCCACCAGGAG TTCTGGGCTCAGCTGAAAACCTATTTTTATAGGGGTATCCTTGTGTTTCTTCCCTCCC TACCAGTCTTTAGGATCTATTACTTGAATGTTGTGACGCATTCCAATGCCTGTAACAGC AAGGTTGCATTTTATAACGAAATCTTCTTGAGTGTAAACAGCAATTAGCTGCTATGATTTG CTTCTCTTGTCTTTGGGGGAGCCATTGGTTTAAAGCAAAGATAATTGGCTTATGGAAT TGTGTTTTGTGCCGTTAG
Restriction Sites:	Please inquire
ACCN:	NM_181791
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).



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OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_181791.1</u> , <u>NP_861456.1</u>
RefSeq Size:	918 bp
RefSeq ORF:	918 bp
Locus ID:	353345
UniProt ID:	<u>Q7Z602</u>
Cytogenetics:	7p14.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>GPR141 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) and variants 2 and 3 all encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>