

Product datasheet for **SC315766**

GPR142 (NM_181790) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR142 (NM_181790) Human Untagged Clone
Tag: Tag Free
Symbol: GPR142
Synonyms: GPRg1b; PGR2
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_181790 edited
 CTGTAGCAATGAGTATTATGATGTTGCCCATGGAGCAAAAGATCCAGTGGGTCCCCACTT
 CCCTGCAGGACATCACTGCTGTCTGGGTACAGAAGCATATACTGAGGAAGACAAATCAA
 TGGTGTCCCATGCACAGAAAAGCCAGCATTCTTGTCTCAGCCATTCCAGTGGCTGAGGT
 CTCCACAGGTACAGGGGGAAGCTGGGACCTCCGAATAAGGCCATCCAAGGACTCCAGCA
 GTTCCGCCAGGCTCAGTGTCTGCGTAAGGATCCTGGGGCAAACAACCACTTGGAGAGCC
 AAGGGGTGAGAGGTACAGCTGGCGATGCTGACAGGGAGCTGCGGGGACCCTCAGAAAAAG
 CCACAGCTGGCCAGCCACGAGTGACCCTGCTGCCACGCCCCACGTCAGCGGGCTGAGCC
 AGGAGTTTGAAGCCACTGGCCAGAGATCGCAGAGAGTCCCCGTGTGGCTGGCGTCA
 TCCCTGTCATCTACTACAGTGTCTGCTGGGCTGGGGCTGCCTGTCAGCCTCCTGACCC
 CAGTGGCCCTGGCGGCCTTGCCACCAGGACCAGGAGGCCCTCTACTACTACCTTCTGG
 CGCTCACAGCCTCGGATATCATCATCCAGGTGGTCATCGTGTTCGCGGGCTTCTCTG
 AGGGAGCAGTGTGGCCCGCCAGGTGCCCCAGGCTGTGGTGCAGCCGCAACATCCTGG
 AGTTTGTGTTGCCAACCCAGCCTCAGTCTGGATCGCCATCCTGCTCACGGTTGACCGTACA
 CTGCCCTGTGCCACCCCTGCACCATCGGGCCGCTCGTCCCCAGGCCGACCCGCGGG
 CCATTGCTGTCTGCTGAGTGTGCCCTGTTGACCGGCATCCCCCTTACTGGTGGCTGG
 ACATGTGGAGAGACCCGACTCACCCAGAACACTGGACGAGGTCTCAAGTGGGCTCACT
 GTCTCACTGTCTATTTTCATCCCTTGTGGCGTGTTCCTGGTCAACCACTCGGCCATCATCC
 ACCGGCTACGGAGGAGGGGCGGAGTGGGCTGCAGCCCCGGGTGGGCAAGAGCACAGCCA
 TCCTCCTGGGCATCACCACACTGTTACCCCTCCTGTGGGCGCCCGGGTCTTCGTATGC
 TCTACCACATGTACGTGGCCCTGTCCACCGGACTGGAGGGTCCACCTGGCCTTGGATG
 TGGCCAACATGGTGGCCATGCTCCACACGGCAGCCAACCTCGGCCTACTGCTTTGTCA
 GCAAGACTTTCCGGGCCACTGTCCGACAGGTCATCCACGATGCCTACCTGCCCTGCACCT
 TGGCATCACAGCCAGAGGGCATGGCGGCGAAGCCTGTGATGGAGCCTCCGGGACTCCCCA
 CAGGGGCAGAAGTGTAGAGGAGGGGGAAGCC

Restriction Sites: Please inquire



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ACCN:	NM_181790
Insert Size:	1400 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_181790.1.
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_181790.1</u> , <u>NP_861455.1</u>
RefSeq Size:	1389 bp
RefSeq ORF:	1389 bp
Locus ID:	350383
UniProt ID:	<u>Q7Z601</u>
Cytogenetics:	17q25.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	GPR142 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) encodes the longer isoform (a).