

Product datasheet for **SC307908**

GPR 150 (GPR150) (NM_199243) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR 150 (GPR150) (NM_199243) Human Untagged Clone
Tag: Tag Free
Symbol: GPR 150
Synonyms: PGR11
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_199243 edited
 ATGGAGGATCTCTTTAGCCCTCAATTCTGCCCGCGGCCCAACATTTCCGTGCCCATC
 TTGCTGGGCTGGGTCTCAACCTGACCTTGGGGCAAGGAGCCCCCTGCCTCTGGGCCGCC
 AGCCGCCGCGTCCGCCTGGTGTTCCTGGGGTCACTCCTGGTGGTGGCGGTGGCAGGCAAC
 ACCACAGTGCTGTGCCGCTGTGCGGCGCGCGGGCCCTGGGCGGGCCCAAGCGTCGC
 AAGATGGACTTCTGCTGGTGCAGCTGGCCCTGGCGGACCTGTACGCGTGGCGGGCAGC
 GCGCTGTACAGCTGGCCTGGAACTGTGGGCGAGCCCCGCGCGCCACGGGGACCTG
 GCGTGCCTTCTGCGAGCTGCTGCAGGCATCCGGGCGGGGCGCCTCGGCCACCTCGTG
 GTGCTCATCGCCCTCGAGCGCCGCGCGGCGGTGCGTCTTCCGACGGCCGCGCTGCC
 GCGCGTCCCTCGCCGCTGGGCTGGTGTGCTGGCACTGCTGCTGGCGTGGCCCGGCC
 TTCGTGGTGGCGGGACTCCCCCTCGCGCTGCCCGCGCGCCGCCCAACGTCCCTG
 CAGCCAGGCGCGCCCCGCGCCCGCGCTGGCCGGGGAGCGTCGCTGCCACGGGATC
 TTCGCGCCCTGCCGCGCTGGCACCTGCAGGTCTACGCGTTCTACGAGCCGTCGCGGGC
 TTCGTGCGCCTGTTACGGTCTGGGCGTGGCTTGCGGCCACTACTCTCCGTCTGGTGG
 CGGCACCGGCCGAGGCCCGCGGCTGCAGCGCCCTGGTGGCGAGCCAGGTGAGGCC
 CCTGCGCCAGCGCGTCCCCGCGCAAGGTGCAGAGCTGAAGATGAGCCTGCTGCTG
 GCGTGTGTTTCGTGGGCTGCGAGCTGCCTACTTTGCCCGCGGCTGGCGGCCGCGTGG
 TCGTCCGGGCGCGGGAGACTGGGAGGGAGAGGGCTGTGGCGGCGCTGGCGTGGTGG
 GCGATGGCCAACAGCGCTCTCAATCCCTTCGTCTACCTTCTTCCAGGCGGGGACTGC
 CGGCTCCGGCGACAGCTGCGGAAGCGGCTGGGCTCTGTGCTGCGCGCCGAGGGAGGC
 GCGGAGGACGAGAGGGGCCCGGGGCCACCAGCGCTCTACCGCAACGCTGGCCCCAC
 CCTATTATACCATGCTCGGCGGAACCGCTGGACGAGGGCGGCTTGCGCCACCCCT
 CCGCGCCCGAGACCCTGCCTTGTCTGCGAAAGTGCTTCTAGAAGGGC

Restriction Sites: Please inquire
ACCN: NM_199243



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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 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:	NM_199243.1 , NP_954713.1
RefSeq Size:	1305 bp
RefSeq ORF:	1305 bp
Locus ID:	285601
UniProt ID:	Q8NGU9
Cytogenetics:	5q15
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes an orphan member of the class A rhodopsin-like family of G-protein-coupled receptors (GPCRs). Within the rhodopsin-like family, this gene is a member of the vasopressin-like subfamily that also includes vasopressin and oxytocin receptors. The silencing of this gene, due to promoter methylation, is associated with ovarian cancer progression. All GPCRs have a transmembrane domain that includes seven transmembrane alpha-helices. A general feature of GPCR signaling is the agonist-induced conformational change in the receptor, leading to activation of the heterotrimeric G protein. The activated G protein then binds to and activates numerous downstream effector proteins, which generate second messengers that mediate a broad range of cellular and physiological processes. [provided by RefSeq, Jul 2017]</p>