

Product datasheet for **SC305036**

GPR135 (NM_022571) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR135 (NM_022571) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR135
Synonyms:	HUMNPIIY20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_022571 edited
 GCCGAGCCAGCTCCCCGCGCGGCCGCTAGCCCCGGCCCCGAGCCACCACTCCGACCT
 AGCGGCCCGCCCGCCCGGTGCGGGATGAGGAGATCCGCGGCCCACTGGGCCCCATGGA
 GGAGCCGAGCCCGCCCGCCACCAGCGAGCATGGCCTTACTGGGAGCCAGCACTCCGG
 CGCCCCCTCCGCGGCCGCCACCTGGCGGGACTTCTCCGCGGCCACGGCGGCCGTGCT
 CTCCTTACGACCGTGGCGACCGCGCGCTGGGAACTGAGCGACGCAAGCGGAGGCGG
 CACAGCTGCCGCTCCCGGTGGCGCGGCCCTTGGCGGGTCCGGGGCAGCGGGGAGGCGGG
 GCGCGCGGTGAGCGGCCGCTAGGCCCGGAGCGCGGCCGCTGCTGTGCGACGGAGCTGC
 AGTGGCGGCCAGGCGCTCGTCTCCTGCTCATCTTCTGCTGTCTAGCCTTGGCAACTG
 CGCGGTGATGGGGGTGATTGTGAAGCACCGGCAGCTCCGCACCGTCACCAACGCCTTCAT
 CCTGTGCTGTCCCTATCGGATCTGCTCACGGCGCTGCTCTGCCTGCCCGCCGCTTCT
 GGACCTTCTCACTCCGCCGGGGTTTCGGCGCTGCCGCCCGCGGGGCCCTGGCGCGG
 CTTCTGCGCCGACCGCCTTCTCAGCTCGTGTTCGGCATCGTGTCCACGCTCAGCGT
 GGCCTCATCTCGTTGGACCGTTACTGCGCTATCGTGGCGCCCGCGGGAGAAGATCGG
 CGCCCGCGCGCTGCAGCTGCTGGCGGGCGCCTGGCTGACGGCCCTGGGCTTCTCCTT
 GCCTGGGAGCTGCTCGGGGCGCCCGGAACTCGCGCGCGCGCAGAGCTTCCACGGCTG
 CCTTACCGGACCTCCCCGGACCCCGCGCAGCTGGGCGCGCCTTTCAGCGTGGGGTGGT
 GGTGGCCTGCTACCTGCTGCCCTTCTGCTCATGTGCTTCTGCCACTACCACATCTGAA
 GACGGTGCCTGTCCGACGTGCGCGTGGCGCCGTTAACACCTACGCGCGCGTGTGCG
 CTTCTTACGAGGTTGCGCACGGCCACCACCGTCTCATCATGATCGTCTTCGTCATCTG
 CTGCTGGGGCCCTACTGCTTCTGGTGTGCTGGCCGCCCGCGGAGCCAGACCAT
 GCAGGCCCCCTCGCTCCTCAGCGTGGTGGCCGTCTGGCTGACCTGGGCAATGGGGCCAT
 CAACCCTGTATCTACGCCATCCGCAATCCCAACATTTGATGCTCCTAGGGCGCAACCG
 CGAGGAGGCTACCGGACTAGGAATGTGGACGCTTCTGCCCCAGCCAGGCGCCGGTCT
 GCAAGCCAGAAGCCGAGTCGCCTTCGAAACCGCTATGCCAACCGCTGGGGGCTGCAA
 CAGGATGTCTCTTCCAACCCGGCCAGCGGAGTGGCAGGGGACGTGGCCATGTGGGCCCC
 CAAAAATCCAGTTGTACTTTTCTGCCGAGAGGGACCACAGAGCCGGTGACGGCAGTGAC
 CAAACAGCCTAAATCCGAAGCTGGGGATACCAGCCTCTAAGACGGTTGGAATGGCCAGCT
 TATGAAGGCAAAATTTCCACTCGCATTATTTAATGATGGAAGATTCTGGGGGAGAGTTGTG
 GATTTTCATAAAGCAAAATTTAAAGCTAGAGACGGGGGAGGCTTACCCTTTCCCAAA
 CAACATAAAGACAATGTCCCTTCTTCAAAGTGCCAAAAGGAATGTAATGCAAAAAT
 TAAACAATCTTAAACCACATAACCAAGCATTGTGAACTGCTATCCAACATTTAGTGGT
 AGAACTAGGATTTGAACTGCAGTCTGTTTGGCCTCAGAACTCCATGTTTGTCTCTCTA
 TCCCCACAGAAGTCTACAGGGCAACTTCTGGGAGCTAAGGCTACTAAAAGGTAGAAGCC
 ACAGT

- Restriction Sites:** Please inquire
- ACCN:** NM_022571
- Insert Size:** 2000 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_022571.4 , NP_072093.2
RefSeq Size:	2557 bp
RefSeq ORF:	1485 bp
Locus ID:	64582
UniProt ID:	Q8IZ08
Cytogenetics:	14q23.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	Orphan receptor. Has spontaneous activity for beta-arrestin recruitment (PubMed:28827538). Shows a reciprocal regulatory interaction with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:28827538).[UniProtKB/Swiss-Prot Function]