

Product datasheet for **SC103581**

GPR128 (ADGRG7) (NM_032787) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR128 (ADGRG7) (NM_032787) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR128
Synonyms:	GPR128
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC103581 sequence for NM_032787 edited (data generated by NextGen Sequencing)

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ATGGCTTCCTGCCGTGCCTGGAACCTTAGGGTGCCTGGTGGCTGTCGTGTGTGGACTACTG
ACTGGCATCATTTTGGGACTGGGCATCTGGAGGATTGTGATCAGGATCCAAAGAGGAAAA
TCTACTTCCTCATCAAGCACCCCTACAGAGTTCTGCAGGAATGGTGAACCTGGGAAAAAT
GGCAGATGTATTTGTACAGAAGAGTGGAAAGGACTGAGATGTACAATTGCTAATTTTTGT
GAAAATAGTACCTATATGGGTTTTACTTTTGCCAGAATCCCAGTGGGCAGATATGGACCA
TCCTTGCAAACATGTGGCAAGGATACTCCAAGTGCGGCAATCCAATGGCAGTCCGGTTG
TGCAGTCTCTCTATATGGAGAGATAGAATTACAAAAAGTGACAATAGGAAATTGCAAT
GAAAATCTGGAAACCCTGGAAAAGCAGGTAAAGGATGTCACAGCACCACTTAATAACATT
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AATTTCTCAGGTCATTGCCAACCTTACATGAACGCTTTAGGCTACTGGAACCTCTCCG
AGTACTGAGGAAATCACACTCTCTGAAAGTGACAATGCAAAGGAAAGCATCTAG
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Clone variation with respect to NM_032787.2

332 a=>g;567 a=>g;571 a=>g;1652 t=>c;2128 a=>g;2239 t=>c

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032787 unedited
 GGGGGCGAATGCGGTTTTTGTACACGATCCACTATTAGGCGAACCCGCAATTCGNATCTG
 GTACCGAGCTCGGCTCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCGCCCTTGATCAC
 TGAGGGGAGGACTTGTTTTCTGTTTTAGAAATAGTTTCCGATTAACCTTTTTAGCTCAAG
 AAGAAAAGAAGCTAGTTATTTCTCACCCAGGAGTGGATTGTTGGTTTGGCTTACCATG
 GCTTCCTGCCGTGCCTGGAACCTTAAGGTTGCCTGTGCTGCATGTGTGGACTACTGACT
 GGCATCATTTTTGGGAACGGGCATTTGGGAATTGGGTTTCAGGGTTCCAAGGGGAAAAAT
 TTTTTTCCCTTTAAGACCCCTCCAATTTTTCCGAAAAAGGGGAACCCGAAAAAGGGA
 ATTTTTTTTTCCCAAAAAGTGGAAAGGCGTTGGGCCCCCGGGCCTTTTTTTTTTGAA
 AAAACCCCTCGGGGGGGTTTTTTAAAAACACCCGGGGGGGGTGGGCCCCCC
 CCCCAAAAGGGGGGAGAAATCTTCGGGGGGGAAAAAAAAGGGGGGGGGGGCGG
 GCCCTTTTTTTTTGGGGGGAAAAACCAACCAAAAAGGGGAGGGAGAGTCTTTTT
 TTTAATAAAAAACCCCCCCACGGGGAGGGGGGGTGGGGGGGGGAACCC
 CCACAAAAAATATTTATTATGTGATTGGGGAGAAAAGAAAAACCTTACTTTCTTG
 CTCTTAATGAAAGAATAATAGTAAGGAAATCTCTCTCCCGCGATCAGAGGGGGG
 GTGGGTGGAGATCTAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032787 unedited
 NNNNGGTTCTTTGGNNGATGGCACTTNCAGNCCAGNAAAGCACTGGGNAGGGT
 CACAGGGATGCCACCCGGGATCTGTTTCAGGAAACAGCTATGACCGCGCCCGCAGTGTGA
 TGGATATCTGCAGAAATTCGCCCTTTGAGAGGACTGGGAAATAAAGGAGAGAAACAGATAA
 AACTCAAACGAGGTGATTAAGAACACCAACAGGTAAGTTTTACTGTCTAGATGCTTTC
 CTTTGCATTGTCATTTAGAGAGTGTGATTTCTCAGTACTCGGAGAGGTTCCAGTAG
 CCTAAAGCGTTCATGTAAGGTTGGCAATGACCTGAGGAAATTATACATCTTTACACGCAG
 CCTCGGCCGCTCACTGAAGGCAGTGACTTCTTCTCCAATAGACGATAGCAACATCAA
 CACTTTGGAAGCTTCACTCTGGAAGACTTTTGTCTAACAGTGTACAGGATAAAAAATTTG
 CAATCCCTGTGTAGCGTTGAAAAGGCAGAATATGTAGCTGAAGACGATCCTGATGCTATC
 ATCATTAACTAGCATCAGGTATGCTAGAATCCAGGTAATCCAAAAACAACACTGCAACAGA
 TAATGTGCTAACAACTCTTCTCATGGATGAACTTTTTTGTGCTGTGTCAGGTTCTGGTT
 ATTCTTCCAGCACTTTGATCGAGATTGTAATAACATAACAACATTGCTGATGAGGATA
 ATGGTTACAGGTACGATGAATGACCACAACAGCGGACTTTNTATTAACACCATTGNGTTC
 TGGNAATTGCCAGCCAGCAGATTNTCTTGGCGGTAGTCTAATTCCTACTGTGGATTATT
 TCCATTCTGAGAAATAAATACTCCACTGGTATAGCCACTACTATAGCTGN

Restriction Sites:

Please inquire

ACCN:

NM_032787

Insert Size:

2900 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).

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_032787.1 , NP_116176.1
RefSeq Size:	3070 bp
RefSeq ORF:	2394 bp
Locus ID:	84873
UniProt ID:	Q96K78
Cytogenetics:	3q12.2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	Orphan receptor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).