

Product datasheet for **SC315277**

GPR126 (ADGRG6) (NM_020455) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPR126 (ADGRG6) (NM_020455) Human Untagged Clone
Tag: Tag Free
Symbol: GPR126
Synonyms: APG1; DREG; GPR126; LCCS9; PR126; PS1TP2; STQTL1; VIGR
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_020455 edited
 ATGATGTTTCGCTCAGATCGAATGTGGAGCTGCCATTGGAATGGAAGCCAGTCCCTCTC
 CTGTTCTTATTTGCTTTATATATCATGTGTTCCTCACTCAGTGTGGGATGTGCCAAC
 TGCCGAGTGGTTTTGTCCAACCCTTCTGGGACCTTTACTTCTCCATGCTACCCTAACGAC
 TACCCAAACAGCCAGGCTTGCATGTGGACGCTCCGAGCCCCACCGTTATATCATTGAG
 ATAACATTTAACGACTTTGACATTGAAGAAGCTCCCAATTGCATTTATGACTCATTATCC
 CTTGATAATGGAGAGAGCCAGACTAAATTTTGTGGAGCAACTGCCAAAGGCCTATCATT
 AACTCAAGTGCGAATGAGATGCATGTGCCTTTTCAAGTACTTTAGCATCCAGAAGAAA
 GGTTCATGCCAGCTACATCAGAGTTGCCGTGCCTTAAGGAATCAAAAGGTCATTTTA
 CCCCAGACATCAGATGCTTACCAGGTATCTGTTGCAAAAAGCATCTCTATTCCAGAGCTC
 AGTGCTTTACACTCTGCTTTGAAGCAACCAAGTTGGCCATGAAGACAGTGATTGGACA
 GCTTTCTCCTACTCAAATGCATCCTTACACAATTGCTCAGTTTTGGAAAGGCCAAGAGT
 GGCTACTTTCTATCCATTTCTGATTCAAAATGTTTGTGAATAATGCATTACCTGTCAA
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 TTGGGCTCTATTGGTGTAAATTTCAAAAGAAACTATGAAACAGTTCATGTGATTCTACC
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 ACTGTAAACTCTCCTAGTACTACACCACCCACTGTCACCACTAACATGCCTGTTACTAAC
 AGAATCGATAAACAAAGGAATGATGGAATTATCTATAGAATATCCGTAGTGATTCAGAAC
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 TTCCAAAATTGGAACACACGGTTTATGTCGTTAATATCAGTTTTACCTGAGTGCTGGA
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 CTTCTAGTTTACAATGCTACCAACAATACTAATTTAGAAGGAAAAATCATTGAGCAGAAG
 CTCCTAAAAAATAATGAGTCCTTGATGAAGGCTTGAGGCTACATACAGTGAATGTGAGA



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CAACTGGGTCATTGTCTTGCCATGGAGGAACCCAAAGGCTACTACTGGCCATCTATCCAA
 CCTTCTGAATACGTTCTTCTTGTCCAGACAAGCCTGGCTTTTCTGCTTCTCGGATATGT
 TTTTACAATGCTACCAACCCATTGGTAACCTACTGGGGACCTGTTGATATCTCCAACGT
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 CTCAGCGTATCATCCCTGTTACCAGGGACAAATGCAATTTCAAATTTTAGCATTGGTCTT
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 GCATCTGTAATTTGCCTCCAACTTACTTGAGAATTTAAGTCCAGAAGATTCTGTATTA
 GTTAGAAGAGCACAGTTTACTTTCTTCAACAAAACCTGGACTTTTCCAGGATGTAGGACCC
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 GATTGGAGTAAGACAGCTACCAATATCATCAAGAAAAGTTCTGATAATCTAGGAAAATCT
 TTGCTTCAAGCTCCATTGGTTCCAACCTCAACCTATCTTACATCCAAATCTAAATCCAGC
 TCTACCACCTATTTCAAAGGAATAGCCACACAGATAATGTCTCCTATGAGCATTCTTTC
 AACAAAAGTGGATCACTCAGACAGTGCTTCCATGGACAAGTCTTGTCAAACCTGGCCCA
 TGCTGA

- Restriction Sites:** Please inquire
- ACCN:** NM_020455
- Insert Size:** 7100 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_020455.3</u> , <u>NP_065188.3</u>
RefSeq Size:	4594 bp
RefSeq ORF:	3666 bp
Locus ID:	57211
UniProt ID:	<u>Q86SQ4</u>
Cytogenetics:	6q24.2
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	<p>This gene, which is upregulated in human umbilical vein endothelial cells, encodes a G protein-coupled receptor. Variations in this gene can affect a person's stature. Multiple transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Mar 2009]</p> <p>Transcript Variant: This variant (a1) contains an alternate coding exon in the 3' end of the transcript compared to variant b1, that causes a frameshift. The resulting isoform (alpha 1) is shorter and has a distinct C-terminus compared to isoform beta 1.</p>