

## Product datasheet for **SC214727**

### **GPR56 (ADGRG1) (NM\_001145770) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GPR56 (ADGRG1) (NM_001145770) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ADGRG1
Synonyms:	BFPP; BPPR; GPR56; TM7LN4; TM7XN1
ACCN:	NM_001145770
Insert Size:	2000 bp



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**Insert Sequence:** >SC214727 3'UTR clone of NM\_001145770  
 The sequence shown below is from the reference sequence of NM\_001145770. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCGGGCAGCACCTCGTCCAGCCGCATCTAGGCCTCCAGCCACCTGCCCATGTGATGAAGCAGAGATTC
GGCCTCGTCGCACACTGCCTGTGGCCCCGAGCCCGGCCAGCCAGGCCAGTCAAGCCGAGACTTTG
GAAAGCCCAACGACCATGGAGAGATGGGCCGTTGCCATGGTGGACGGAATCCCGGCTGGGCTTTTGAA
TTGGCCTTGGGGACTACTCGGCTCTCACTCAGCTCCCACGGGACTCAGAAGTGGCCGCCATGCTGCCT
AGGGTACTGTCCACATCTGTCCCAACCAGCTGGAGGCCTGGTCTCTCCTTACAACCCCTGGGCCCA
GCCCTATTGCTGGGGCCAGGCCTTGGATCTTGGAGGCTGGCACATCCTTAATCTGTGCCCTGCC
TGGGACAGAAATGTGGTCCAGTTGCTCTGTCTCTCGTGGTACCCTGAGGGCACTCTGCATCCTCTGT
CATTTTAACTCAGGTGGCACCCAGGGCGAATGGGGCCAGGGCAGACCTTCAGGGCCAGAGCCCTGGC
GGAGGAGAGGCCCTTTGCCAGGAGCACAGCAGCAGCTCGCTACCTCTGAGCCAGGCCCTCCCTCC
CTCAGCCCCCAGTCTCCTCCATCTTCCCTGGGGTTCTCCTCCTCCTCCAGGGCCTCCTTGTCTCTT
CGTTCACAGCTGGGGTCCCCGATTCCAATGCTGTTTTTTGGGGAGTGGTTCCAGGAGCTGCCTGGTG
TCTGCTGTAATGTTTGTCTACTGCACAAGCCTCGGCCTGCCCTGAGCCAGGCTCGGTACCGATGCGT
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AAGCACACGCCTCAGAGGGGCCCTCAGCCTCTCCTGAAGCCCTCTGTGGCAAGAACTGTGGACCATGC
CAGTCCCGTCTGGTTTCCATCCCACCACTCCAAGGACTGAGACTGACCTCCTCTGGTGACTGGCCTA
GGCCCTGACACTCTCCTAAGAGTTCTCTCCAAGCCCCAAATAGCTCCAGGGCCCTCGGCCGCCCAT
CATGGTTAATTCTGTCCAACAAACACACACGGGTAGATTGCTGGCCTGTTGTAGGTGGTAGGGACACAG
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TTAAAAAGAAAGTACATGTTTATTGTAGAGAATTTGAAACTGTAGAAGAGAATCAAGAAGAAAAATAAA
AATCAGCTGTTGTAATCACCTAGCAAATGGCGTAAGCATTGTTGGGTCATTTCTCTGAGCTTTTTCC
TGTGCTTCTATTGAAAGAGTCACTGATACTAATAACAATACCTTGGGGCCAAATCAGGAAACATGAAAGA
GAGAAGAGGGCTGTGTGTAAGAAAAAATCGACTGCTGGAACCTCATCAACCAGGGCACAGG
GGAAGATAAATGGCAACTTGGTGTCTGTCTGGGAGGCAATGGGGAGTGGTGGGCTGTGGCGAACT
GGAGACTCCCAACCCATGCTGAGAGCGTGGCTGCTCATCAGCTCCAGCTGGTCACTACCTTGCAGGGA
TGAGGGCCCATGTAGCCAGACCCTGCCTTTTATGAGAAATGGGAAATCCAGACTGTGGTTTGACATC
CCCTGATTTTAAATTTTGGCGAATCCAAAACATTTTCTGGCCAAAGAGATTACAGTCAAAAGCTGCCT
GGTCTGGGATTTATGCAACCAGTTTACTGATCACTCTGCAGCAGGTGGGCTGCAAGAATTAATCAC
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001145770.3](#)

**Summary:** This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]

**Locus ID:** 9289

**MW:** 72