

Product datasheet for **SC214730**

GPR56 (ADGRG1) (NM_001145772) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GPR56 (ADGRG1) (NM_001145772) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ADGRG1
Synonyms:	BFPP; BPPR; GPR56; TM7LN4; TM7XN1
ACCN:	NM_001145772
Insert Size:	2000 bp



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Insert Sequence:

>SC214730 3'UTR clone of NM_001145772

The sequence shown below is from the reference sequence of NM_001145772. 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
GAAAGCCCAACGACCATGGAGAGATGGGCCGTTGCCATGGTGGACGGACTCCCGGGCTGGGCTTTTGAA
TTGGCCTTGGGGACTACTCGGCTCTCACTCAGCTCCCACGGGACTCAGAAGTGCGCCGCATGCTGCCT
AGGGTACTGTCCCACATCTGTCCCAACCCAGCTGGAGGCCTGGTCTCTCCTTACAACCCCTGGGCCCA
GCCCTATTGCTGGGGCCAGGCCTTGGATCTTGAGGGTCTGGCACATCCTTAATCTGTGCCCTGCC
TGGGACAGAAATGTGGTCCAGTTGCTCTGTCTCTCGTGGTACCCTGAGGGCACTCTGCATCCTCTGT
CATTTTAACTCAGGTGGCACCCAGGGCGAATGGGGCCAGGGCAGACCTTCAGGGCCAGAGCCCTGGC
GGAGGAGAGGCCCTTTGCCAGGAGCACAGCAGCAGCTCGCTACCTCTGAGCCAGGCCCTCCCTCC
CTCAGCCCCCAGTCTCCCTCCATCTTCCCTGGGGTTCTCCTCCTCTCCAGGGCTCCTTGTCTCCTT
CGTTACAGCTGGGGGTCCCCGATTCCAATGCTGTTTTTTGGGGAGTGGTTTCCAGGAGCTGCCTGGTG
TCTGCTGTAATGTTTGTCTACTGCACAAGCCTCGGCCTGCCCTGAGCCAGGCTCGGTACCGATGCGT
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CAGTCCCGTCTGGTTTCCATCCCACCACTCCAAGGACTGAGACTGACCTCCTCTGGTGACTGGCCTA
GGCCCTGACACTCTCCTAAGAGTTCTCTCCAAGCCCCAAATAGCTCCAGGGCCCTCGGCCGCCAT
CATGGTTAATTCTGTCCAACAAACACACACGGGTAGATTGCTGGCCTGTTGTAGGTGGTAGGGACACAG
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CCTGGAGCTACAGGGACAGGGAGCCATATTCTCGCTGGGAATCCTGGAAGACTTCTGCAGGAGTCA
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TAAAAAAGAGTACATGTTTATTGTAGAGAATTTGAAACTGTAGAAGAGAATCAAGAAGAAAAATAAA
AATCAGCTGTTGTAATCACCTAGCAAATGGCGTAAGCATTGTTGGGTCAATTCCTCTGAGCTTTTTCC
TGTGCTTCTATTGAAAGAGTCACTGATACTAATAACAATACCTTGGGGCCAAATCAGGAAACATGAAAGA
GAGAAGAGGGCTGTGTGTAAGAAAAAATCGACTGCTGGAACCTCATCAACCAGGGCACAGG
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GGAGACTCCCAACCCATGCTGAGAGCGTGGCTGCTCATCAGCTCCAGCTGGTCACTACCTTGCAGGGA
TGAGGGCCATGTAGCCAGACCCTGCCTTTTATGAGAAATGGGAAATCCAGACTGTGGTTTGACATC
CCCTGATTTTAAATTTTGGCGAATCCAAAACATTTTCTGGCCAAAGAGATTACAGTCAAAAGCTGCCT
GGTCTGGGATTTATGCAACCAGTTTACTGATCACTCTGCAGCAGGTGGGCTGCAAGAATTAATCAC
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_001145772.3](#)

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