

Product datasheet for SC115624

GPR182 (NM_007264) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR182 (NM_007264) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR182
Synonyms:	7TMR; ADMR; AM-R; AMR; G10D; gamrh; hrhAMR; L1-R
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115624 sequence for NM_007264 edited (data generated by NextGen Sequencing)

```

ATGTCAGTGAAACCCAGCTGGGGCCTGGCCCCTCGGAGGGGTCACCGCAGTGCCTACC
AGTGACCTTGGAGAGATCCACAACCTGGACCGAGCTGCTTGACCTTTCAACCACACTTTG
TCTGAGTGCCACGTGGAGCTCAGCCAGAGCACCAAGCGCGTGGTCTCTTTGCCCTCTAC
CTGGCCATGTTTGTGGTTGGGCTGGTGGAGAACCTCCTGGTGATATGCGTCAACTGGCGC
GGCTCAGGCCGGCAGGGCTGATGAACCTCTACATCCTCAACATGGCCATCGCGGACCTG
GGCATTGTCTGTCTCTGCCCGTGTGGATGCTGGAGGTCACGCTGGACTACACCTGGCTC
TGGGGCAGCTTCTCCTGCCGCTTCACTCACTACTTCTACTTTGTCAACATGTATAGCAGC
ATCTTCTCCTGGTGTGCCTCAGTGTGACCGCTATGTCACCCTCACCAGCGCCTCCCCC
TCCTGGCAGCGTTACCAGCACCGAGTGGCGGGCCATGTGTGCAGGCATCTGGGTCTC
TCGGCCATCATCCGCTGCCTGAGGTGGTCCACATCCAGCTGGTGGAGGGCCCTGAGCCC
ATGTGCCTCTTATGGCACCTTTTGAACGTACAGCACCTGGGCCCTGGCGGTGGCCCTG
TCCACCACCATCCTGGGCTTCTGCTGCCCTTCCCTCTCATCACAGTCTTCAATGTGCTG
ACAGCCTGCCGGCTGGCGCAGCCAGGACAACCCAAGAGCCGGCGCCACTGCCTGTGCTG
TGCGCCTACGTGGCCGTCTTTGTCATGTGCTGGCTGCCATCATGTGACCCTGTGCTG
CTCACACTGCATGGACCCACATCTCCCTCCACTGCCACCTGGTCCACCTGCTCTACTTC
AACTTTCTCAGCCACACTTCCGGGGCCGGCTCCTGAATGCTGTAGTCCATTACCTTCT
AAGGACCAGACCAAGGCGGGCACATGCGCCTCCTTCCCTCCTGTTCACCCAGCATTCC
ATCATCATCACCAAGGGTGATAGCCAGCCTGCTGCAGCAGCCCCCACCCTGAGCCAAGC
CTGAGCTTTCAGGCACACCATTGCTTCCAATACTTCCCCATCTCTCCCACTCAGCCT
CTTACACCCAGCTGA

```

Clone variation with respect to NM_007264.3



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_007264 unedited</p> <pre>TCTTTGATTTTGTATACGACTTATTATAGGCGGCCGCGATTTCGGCACCAGCAGCCTCCTC ACAGCTCCCCATAGCCTGGACCTGCCGGCCCTCCCTCCAGGACCGAGGGGCTCCCAAGGG AAACTCAGGCGTGTGCTGGTCCCAATGTCAGTAAAACCCAGCTGGGGGCTGGCCCTCG GAGGGGTACCCGAGTGCTACCAGTGACCTTGGAGAGATCCACAACCTGGACCGAGCTG CTTGACCTCTTCAACCACACTTTGTCTGAGTGCCACGTGGAGCTCAGCCAGAGCACCAAG CGCGTGGTCTCTTTGCCCTCTACCTGGCCATGTTTGTGGTTGGGCTGGTGGAGAACCCTC CTGGTGATATGCGTCAACTGGCGCGGCTCAGGCCGGCAGGGCTGATGAACCTCTACATC CTCAACATGGCCATCGCGGACCTGGGCATTGTCCTGTCTCTGCCGTGTGGATGCTGGAG GTCACGCTGGACTACACCTGGCTCTGGGCAGCTTCTCCTGCCGTTCACTCACTACTTC TACTTTGTCAACATGTATAGCAGCATCTTCTCCTGGTGTGCCTCAGTGTGACCGCTAT GTCACCCTCACCAGCGCTCCCCCTCCTGGCAGCGTTACCAGCACCGAGTGCGGCGGGCC ATGTGTGACGGCATCTGGTCTCTCGGCCATCATCCCGTGCCTGAGGTGGTCCACATC CAGCTGGTGGNAGGCCCTGAGCCATGTGCTCTTCATGGCACCTTTTGAACGTACAGC ACCTGNGCCCCTGGCNGTGCCTGTCCACCACCATCCTGGGCTTCTGCTGCCCTTTCC TCTCATCACAGNCTTCATGTGCTGACAGNCTGNCNGCTGCNGCAGCCAGGACACCCAAGA GCCNGCGCACTGNCTGCTGTGCTGCGCTCCTTGCCGTCTTGC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_007264 unedited</p> <pre>NTTTAACTNTGNACCGCGNCCGCTTNTNAGATCGGGTTTTTTTTTTTTTTTTTTTTTTT AAATTTGGCATAGTTAATGAGGTTGATACATGCGTGAATCCACAGAGGAGACAGNCTN NNNNAANTANGGAGGGATGTCCATTTGGCCCCACAGCACATGGCCCAGGCAGGGCTCCCA TCAGTGCTCAGTAGATGCTGAGTGAACAGCTGGTTCCCACTCTTCCCCTCCATGGATGG GAGGCCTTAGGGAAGTATTCATACTGCCAGGGTGATAACTAATCTTGGGAGCGTGGCCTC TAAGGTGATCTGGAATGTGACAGAGATGTAAAATTTGGTTTCCTTCAGGAAACTCCTGTA GCCCAAGTCAGAGGAGGCAGTGATATGGGCATCAGATCTTGGCTTGTCTTTTTGTGTTGG GACAAGAGAGGAAAGTCTTTTTCAATGTGAATCTGCATTGATAGGCTAAGCCCTTACTG CGACCCAAGCCACAACCCAGACTCCTGGTTCAAAAAGCCTTCAGCTCTGTGCTACTGAGA AGCTGTCTGCAGCTTAAGACCCTTTCAGGTTTGGGCCAGTAAACAGGGAGATGCAGGTT TCCTTCCATGCTCCTGACAAAACCTGGGTGCATATGCAGTTGGAGCACGCTGTCAGTGCAT CCACAGAACAGTTCTGATTTCTCAAAGTAGAACAGGTGGTCTCCAAGTCAGTGAGTAGTT ACTCCAAGTTAAACATTNCAGACACATGGAGCACTTAAGCAGGACAGAGGAGATGGTGAA AGAGGCTATCANTGATTCCATCCAGTCCCCTTACACGGNCAGGATTAANAAGCANAGGAC GTGNAATTGNAANNGCGGAACTAGNATCCTGTCTTAGGCCCTTACTTCANAGTTCTTCAT GGACAAGGCCTAGTCTNCCAACAN</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_007264
Insert Size:	3700 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:

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_007264.3](#), [NP_009195.1](#)

RefSeq Size: 1620 bp

RefSeq ORF: 1215 bp

Locus ID: 11318

UniProt ID: [O15218](#)

Cytogenetics: 12q13.3

Domains: 7tm_1

Protein Families: Druggable Genome, GPCR, Transmembrane

Gene Summary: Adrenomedullin is a potent vasodilator peptide that exerts major effects on cardiovascular function. This gene encodes a seven-transmembrane protein that belongs to the family 1 of G-protein coupled receptors. Studies of the rat counterpart suggest that the encoded protein may function as a receptor for adrenomedullin. [provided by RefSeq, Jul 2008]