

Product datasheet for **SC205981**

alpha 1a Adrenergic Receptor (ADRA1A) (NM_000680) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	alpha 1a Adrenergic Receptor (ADRA1A) (NM_000680) Human 3' UTR Clone
Symbol:	alpha 1a Adrenergic Receptor
Synonyms:	ADRA1C; ADRA1L1; ALPHA1AAR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000680
Insert Size:	1370 bp



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Insert Sequence: >SC205981 3'UTR clone of NM_000680
 The sequence shown below is from the reference sequence of NM_000680. 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
TCCCTCAGTGAGAACGGGGAGGAAGTCTAGGACAGGAAAGATGCAGAGGAAAGGGGAATAATCTTAGGT
ACCCACCCCACTTCTTCTCGGAAGGCCAGCTCTTCTTGAGGACAAGACAGGACCAATCAAAGAGGGG
ACCTGCTGGGAATGGGTGGGTGGTAGACCCAACACTCATCAGGCAGCGGTAGGGCACAGGGAAGAGGGA
GGGTGTCTCACAACCAACCAGTTCAGAATGATACGGAACAGCATTTCCTGCAGCTAATGCTTTCTTGG
TCACTCTGTGCCACTTCAACGAAAACCACCATGGGAAACAGAATTTTCATGCACAATCCAAAAGACTAT
AAATATAGGATTATGATTTTCATCATGAATATTTTGAGCACACACTCTAAGTTTGGAGCTATTTCTTGAT
GGAAGTGAGGGGATTTATTTTCAGGCTCAACCTACTGACAGCCACATTTGACATTTATGGGGAGAGGG
CCTAGAGAGGAAGAGCATTAAAGATGGTGGCCGAGATCCAGACACATTATTTTAGAGCAAGTCTGAAA
CTCCACCCCTTCTGATACATCCAATTTCTCAGCTTGAGGGAAACTTGGCAGTGAGGTTTACCTTTGACT
GCATTTGAATGGATGCTGCTCCTCATTCCCAAAGATGAGAGTGAGGGGCACTCATGATGTCTTGAA
TGTAAGTGTCTCTATCCTTGGGTCAGGAGAGGGTTGAAAGAACCAACCAGGGTGGTATGGCTTTCCCA
AGAGAAAACAATAGACCTGAGCATCATTCTTTCAATTTAACTACTAGAGAGAAAAATCCATTAACAGTT
CCAAGATCAGATGATGATAGGCTTTCTCTCTAATATCTTTAAAGAGCAAGAGGTTGGTGTGGCTGTAA
TTTCTTGCAAAGATAGAGGCTGTTCACTTACTGCACAGCCATTTCAACATGGCTTACAAAAGCCTTTCT
TGACAAATCACTTACCTGTTCCAGAACTCTGTTATGAAAATCCAGAGCTTATAATATTTTGAAGGCAA
AAGATTGTCTCCATTACTTCTTATCTGCTTCACTATTGCATAATGAATGAGCTTACCTGTGGCATGT
TGGAAATGAGCCTTATGATCCAAGTACATTATCCCGAACTTTGAAAAATACTAATGCTTAGCTTCAGAC
AATACTGATGGATCACCAAGAAGTGTCTAACGCAGGAGTTGCAAAACATTTTTTGATAGAAGGCCATT
TGTCTGGTAAAAGATCCAGTAGTCAACTCAACTCATCTATTCTACTTTTCTGCAAGAGCTTGGGGA
ACATGCTATATTTGCTTTATGTATACCAAATTTGGTAAACCATAATAACTCAGTACA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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_000680.4](#)

Summary: Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1A-adrenergic receptor. Alternative splicing of this gene generates four transcript variants, which encode four different isoforms with distinct C-termini but having similar ligand binding properties. [provided by RefSeq, Jul 2008]

Locus ID: 148

MW: 52.9