

Product datasheet for **SC207676**

beta 2 Adrenergic Receptor (ADRB2) (NM_000024) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: beta 2 Adrenergic Receptor (ADRB2) (NM_000024) Human 3' UTR Clone
Symbol: beta 2 Adrenergic Receptor
Synonyms: ADRB2R; ADRBR; B2AR; BAR; BETA2AR
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_000024
Insert Size: 580 bp
Insert Sequence: >SC207676 3'UTR clone of NM_000024
 The sequence shown below is from the reference sequence of NM_000024. 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
AATTGTAGTACAAATGACTCACTGCTGTAAAGCAGTTTTTCTACTTTTAAAGACCCCCCCCCCAACAG
AACACTAACAGACTATTTAACTTGAGGGTAATAAACTTAGAATAAAATTGTA  
AAAATTGTATAGAGATA
TGCAGAAGGAAGGCATCCTTCTGCCTTTTTTATTTTTTAAAGCTGTAAAAAGAGAGAAA  
ACTTATTTG
AGTGATTATTTGTTATTTGTACAGTTCAGTTCCTTTGCATGGAATTTGTAAGTTTATGTCTAAAGAG
CTTTAGTCTAGAGGACCTGAGTCTGCTATATTTTCATGACTTTTCCATGTATCTACCTCACTATTC  
AA
GTATTAGGGGTAATATATTGCTGCTGGTAATTTGTATCTGAAGGAGATTTTCTTCTACACCTTGGA
CTTGAGGATTTTGAGTATCTCGGACCTTTCAGCTGTGAACATGGACTCTTCCCCACTCCTTATTTG
CTCACACGGGGTATTTTAGGCAGGGATTTGAGGAGCAGCTTCAGTTGTTTTCCCGAGCAAAGTCTAAAG
TTTACAGTAAATAAATTGTTTGACCATG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul
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_000024.6
Summary:	This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor. This receptor is also a transcription regulator of the alpha-synuclein gene, and together, both genes are believed to be associated with risk of Parkinson's Disease. This gene is intronless. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity, type 2 diabetes and cardiovascular disease. [provided by RefSeq, Oct 2019]
Locus ID:	154
MW:	22.3