

Product datasheet for **SC206472**

Beta Arrestin 2 (ARRB2) (NM_199004) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Beta Arrestin 2 (ARRB2) (NM_199004) Human 3' UTR Clone
Symbol:	Beta Arrestin 2
Synonyms:	ARB2; ARR2; BARR2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_199004
Insert Size:	488 bp
Insert Sequence:	>SC206472 3'UTR clone of NM_199004 The sequence shown below is from the reference sequence of NM_199004. 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
GATGACGACTATGATGATCAACTCTGCTAGGAAGCGGGTGGGAAGAAGGGAGGGGATGGGGTTGGGAG
AGGTGAGGGCAGGATTAAGATCCCCACTGTCAATGGGGATTGTCCAGCCCTCTCCCTTCCCCTCA
CCTGGAAGCTTCTCAACCAATCCCTTCACACTCTCTCCCCATCCCCCAAGATACACACTGGACCT
CTCTTGCTGAATGTGGCATTAAATTTTTGACTGCAGCTCTGCTTCTCCAGCCCCGCCGTGGGTGGCAA
GCTGTGTTTCATACCTAAATTTCTGGAAGGGGACAGTGAAAAGAGGAGTGACAGGAGGGAAGGGGGAG
ACAAAACCTCTACTCTCAACCTCACACCAACACCTCCCATTATCACTCTCTGCCCCATTCTTCAA
GAGGAGACCCTTTGGGACAAGGCCGTTTCTTTGTTTCTGAGCATAAAGAAGAAAATAAATCTTTTACT
AAGCA
ACGCGTAAGCGGCCCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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).



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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_199004.2
Summary:	Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 2, like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]
Locus ID:	409
MW:	18.4