

Product datasheet for **SC209296**

beta Arrestin 1 (ARRB1) (NM_020251) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	beta Arrestin 1 (ARRB1) (NM_020251) Human 3' UTR Clone
Symbol:	beta Arrestin 1
Synonyms:	ARB1; ARR1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020251
Insert Size:	2000 bp



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Insert Sequence: >SC209296 3'UTR clone of NM_020251
 The sequence shown below is from the reference sequence of NM_020251. 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
ACCGGCTCTCCACAGCTCAACAACAGATAGACGGGCCGGCCCTGCCTCCACGTGGCTCCGGTCCACTC
TCGTGCACTCGGATGCTTACTCGTCTTCTCTGTTCTGGTTTCTTTCCCTTTGTTCTTCCAGTTTC
TACCAGGGGGCCCGTGGGCTTCCAGATCACGGTGATGAACCTCTGGCCTCAGGATTGGCCCCACATCA
CCACGCCAACAGGACCACAGCGCACTGGCTCCACCCCATCTCTGCCATCTCCACTCCCCTCTTTTCAT
GCTGTCTCCAGAAAAGCTGCCAGGGCTCTGGCCTTGAATTGGACTTGAGATGGGGAGCAGACAGGGG
AGGATGGGAATGTGGGACACGGTGTGGTGGGCATGAGGGCTTGGAGGGTGGGGATGAGGGCTCAAGA
CACGAGAGAAGATGTCCACGGTCCAGGTGTTAACAAAGTTCTGGCAGCTAAAAGATGACCGGTTGA
AGGCCACCTCCTTCTGGCTGGGAGGGGCGAAGCTGTGGACAGATTCTCAATGCCTTTTGAAGTTCTGA
CCACCAAAGACCTTCTGCCTTACCCTCTCCACCTGATGTCCCTCTGTGTCTGATAGTGATGTTG
GTGAAAGTTCGTAGACCCAGGAGTAGAGAAAAGCAACTGGACTGACTTTCTTACCAGCAGTTACCTAG
ACTGAGGCAAGCTGTGTGGACTCACCAAGTATATTTCACTACTGTGACATCTTAGCTACC
TTGATTTCAAGTGATGGCCCTGTCTAGAGATATGCACAGAGAGAAAAGCAGAGGGAGGGAGGG
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TGCCATTCTCAGGGCTGGACTGACCCTATGGACTGGGAGAGAGTGCCTGAGGCCACCATGCCACAGTC
AAAGGGGTCTCTATCTCAGAAGGTGGCAGCATCCACTGAGATATCCTCACCCGAAGGGAAGGAGGCTGC
TGGGTAGCAAATAAGCCCTTCTTTTCTTGGTGAGTTGATGACCTCCAATAGCTCCAGTGTGATGGGT
ACCCAGTACGCATTAGCTGGTGTGGGTTGATTGAGACCTGGGGCAGTTCCTGGGGCAAGAAGCCAGAT
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CTTTGGGCAAGTTCCTTCCCCTCTGGGCTCAGTTTCTCACTTGGGAAAGCAAGGAGTTTGACCAGA
TGATCACAATGGGCTTCTAGCTCTGGCCACCAAGAATTTGTGAACATTAGAGCTCCTGGTCTGGTGG
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GCCCTATGGAGCACCAACTGCCCTCAACCCACCTGTGCCAAGACTGGGAAGGATTGATGTCAGGC
TGTGGCCATAGGTAGCATGAGTTGCCCAAGGAGGACAGAGCATATCTTTGCTGAGGCTTGCTGAGGG
GCTTATGATAGGGCTTGAGTACCTCACAGCCCCCTGTGGGCACAGACACCTGAGGTTTACCCAGGCA
AATATATTGATTAGCAGGACAAGGGCTCTCTCCTCAGTTTCTGCTCCCTTCCATCTCTCTCCACTT
GTCTGAAAAGGGAGACAAAAATCTTATACAAGTGGCATCTCAATCCTTTCCAGTCCAGCACCTCCTGG
GGCAGGCAGTGTGACTTATTTCTGTGGTGAATCACCTGTTTCAAGCCTGGCAGCGGCACTTCTG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_020251.4](#)

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 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK/beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described. [provided by RefSeq, Jan 2011]

Locus ID:

408

MW:

72.1