

Product datasheet for **KN201279RB**

beta Arrestin 1 (ARRB1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	beta Arrestin 1
Locus ID:	408
Components:	<p>KN201279G1, beta Arrestin 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN201279G2, beta Arrestin 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN201279RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	<u>NM_004041</u> , <u>NM_020251</u>
UniProt ID:	<u>P49407</u>
Synonyms:	ARB1; ARR1
Summary:	<p>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]</p>



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Product images:

