

Product datasheet for **KN217134BN**

beta 1 Adrenergic Receptor (ADRB1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	beta 1 Adrenergic Receptor
Locus ID:	153
Components:	KN217134G1 , beta 1 Adrenergic Receptor gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN217134G2 , beta 1 Adrenergic Receptor gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN217134BND , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003 , scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq: [NM_000684](#)

UniProt ID: [P08588](#)

Synonyms: ADRB1R; B1AR; BETA1AR; RHR

Summary: The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Beta-1 adrenoceptors are predominately located in the heart. Specific polymorphisms in this gene have been shown to affect the resting heart rate and can be involved in heart failure. [provided by RefSeq, Sep 2019]



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Product images:

