

Product datasheet for KN300933RB

Adrb1 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: Adrb1 Symbol: Locus ID: 11554

KN300933G1, Adrb1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN300933G2, Adrb1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN300933RBD, donor DNA containing left and right homologous arms and RFP-BSD

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 007419

UniProt ID: P34971

Synonyms: Adrb-1; beta-AR

Summary: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase

> through the action of G proteins. This receptor binds epinephrine and norepinephrine with approximately equal affinity. Mediates Ras activation through G(s)-alpha- and cAMP-mediated

signaling (By similarity).[UniProtKB/Swiss-Prot Function]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

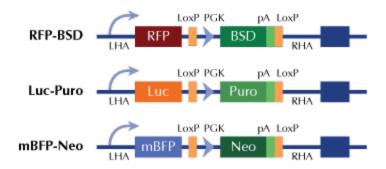
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter