

Product datasheet for KN300935BN

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

Adrb3 Mouse 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

Adrb3 Symbol: Locus ID: 11556

KN300935G1, Adrb3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN300935G2, Adrb3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN300935BND, 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 013462

UniProt ID: P25962 Synonyms: Adrb-3

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

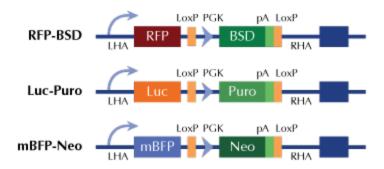
through the action of G proteins. Beta-3 is involved in the regulation of lipolysis and

thermogenesis.[UniProtKB/Swiss-Prot Function]



Product images:

Donor Vector Edited Chromosome



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