

Product datasheet for KN300935LP

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Adrb3 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: Adrb3 Locus ID: 11556

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

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

KN300935LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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: <u>NM 013462</u>

UniProt ID: P25962
Synonyms: Adrb-3

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

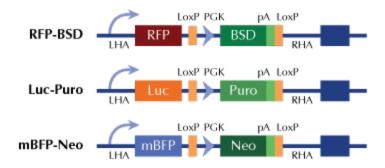
through the action of G proteins. Beta-3 is involved in the regulation of lipolysis and

thermogenesis.[UniProtKB/Swiss-Prot Function]



Product images:

Donor Vector Edited Chromosome



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