

Product datasheet for KN309195BN

Lctl 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

Symbol: Lctl

235435 Locus ID:

KN309195G1, Lctl gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN309195G2, Lctl gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN309195BND, 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 145835

UniProt ID: Q8K1F9

Synonyms: E130104I05Rik; KLPH

Summary: Plays a role in formation of the lens suture in the eye, which is important for normal optical

properties of the lens.[UniProtKB/Swiss-Prot Function]



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

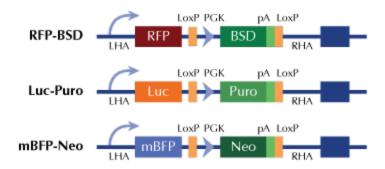
CN: techsupport@origene.cn

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