

Product datasheet for KN309204BN

Ldlr 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

Ldlr Symbol: 16835 Locus ID:

KN309204G1, Ldlr gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN309204G2, Ldlr gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN309204BND, 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 001252658, NM 001252659, NM 010700

UniProt ID: P35951 Synonyms: Hlb301

Summary: Binds LDL, the major cholesterol-carrying lipoprotein of plasma, and transports it into cells by

endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into

clathrin-coated pits.[UniProtKB/Swiss-Prot Function]



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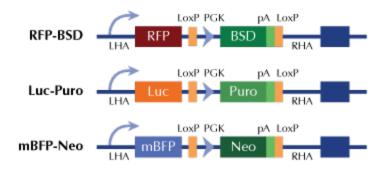
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Product images:

Donor Vector Edited Chromosome



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