

Product datasheet for KN308537LP

OriGene Technologies, Inc.

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Jag1 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: Jag1 Locus ID: 16449

Components: KN308537G1, Jag1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN308537G2, Jag1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN308537LPD, 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:
 NM 013822

 UniProt ID:
 O9OXX0

Synonyms: ABE2; Gsfabe2; Htu; Ozz; Ser-1

Summary: Ligand for multiple Notch receptors and involved in the mediation of Notch signaling. May be

involved in cell-fate decisions during hematopoiesis. Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation (By similarity). May regulate fibroblast growth factor-induced angiogenesis. [UniProtKB/Swiss-Prot

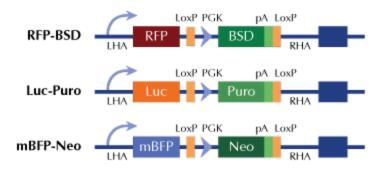
Function]





Product images:

Donor Vector Edited Chromosome



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