

Product datasheet for KN308538RB

Jag2 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA:

Symbol: Jag2

Locus ID: 16450

KN308538G1, Jag2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN308538G2, Jag2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN308538RBD, donor DNA containing left and right homologous arms and RFP-BSD

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 010588

UniProt ID: Q9QYE5

Synonyms: D12Ggc2e; mJagged2-1; Serh; sm

Summary: Putative Notch ligand involved in the mediation of Notch signaling. Plays an essential role

> during limb, craniofacial and thymic development. May be involved in myogenesis and in the development of peripheral and central nervous systems.[UniProtKB/Swiss-Prot Function]



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

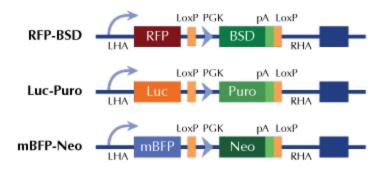
CN: techsupport@origene.cn

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