Product datasheet for KN308538LP

Jag2 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:	Jag2
Locus ID:	16450
Components:	**KN308538G1**, Jag2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN308538G2**, Jag2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN308538LPD**, 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_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]

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Product images:

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