

Product datasheet for KN311127LP

Notch4 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control Format:

Donor DNA: Luciferase-Puro

Notch4 Symbol: 18132 Locus ID:

KN311127G1, Notch4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN311127G2, Notch4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN311127LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 010929

UniProt ID: P31695

Synonyms: Int-3; Int3; N4

Summary: Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to

regulate cell-fate determination. Upon ligand activation through the released notch

intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH

and activates genes of the enhancer of split locus. Affects the implementation of

differentiation, proliferation and apoptotic programs (By similarity). May regulate branching

morphogenesis in the developing vascular system.[UniProtKB/Swiss-Prot Function]

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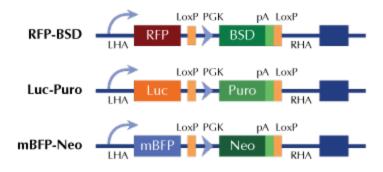
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Product images:

Donor Vector Edited Chromosome



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