

## Product datasheet for **KN304622RB**

### Dll4 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:	RFP-BSD
Symbol:	Dll4
Locus ID:	54485
Components:	<b>KN304622G1</b> , Dll4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN304622G2</b> , Dll4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN304622RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_019454</a>
UniProt ID:	<a href="#">Q9JI71</a>
Synonyms:	Delta4
Summary:	Involved in the Notch signaling pathway as Notch ligand (PubMed:11134954). Activates NOTCH1 and NOTCH4. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting (By similarity). Essential for retinal progenitor proliferation. Required for suppressing rod fates in late retinal progenitors as well as for proper generation of other retinal cell types (PubMed:22323600). During spinal cord neurogenesis, inhibits V2a interneuron fate (By similarity).[UniProtKB/Swiss-Prot Function]



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Product images:

