

# Product datasheet for KN304621BN

## Dll3 Mouse Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

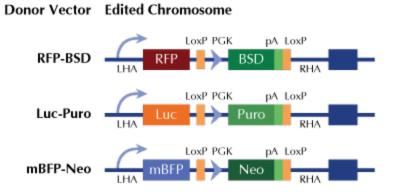
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	DII3
Locus ID:	13389
Components:	<ul> <li>KN304621G1, DII3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN304621G2, DII3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN304621BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>
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:	<u>NM 007866</u>
UniProt ID:	<u>O88516</u>
Synonyms:	pu; pudgy
Summary:	Inhibits primary neurogenesis. May be required to divert neurons along a specific differentiation pathway. Plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm.[UniProtKB/Swiss-Prot Function]



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### **Product images:**



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

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