

## Product datasheet for KN310426LP

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### **Msi2 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: Msi2 Locus ID: 76626

**Components:** KN310426G1, Msi2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN310426G2, Msi2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN310426LPD, 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 001201341, NM 054043, NM 001363194, NM 001363195

UniProt ID: Q920Q6

**Synonyms:** 1700105C15Rik; Al451722; Al563628; AW489193; Msi2h

**Summary:** RNA binding protein that regulates the expression of target mRNAs at the translation level.

May play a role in the proliferation and maintenance of stem cells in the central nervous

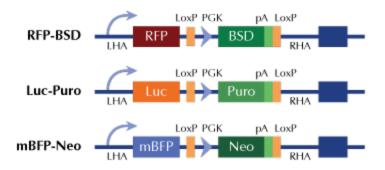
system.[UniProtKB/Swiss-Prot Function]





## **Product images:**

#### Donor Vector Edited Chromosome



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