

## Product datasheet for KN310426RB

Msi2 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:** 

Symbol: Msi2

76626 Locus ID:

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

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

KN310426RBD, donor DNA containing left and right homologous arms and RFP-BSD

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]



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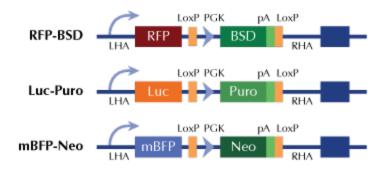
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## **Product images:**

### Donor Vector Edited Chromosome



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