

Product datasheet for KN310426BN

Msi2 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

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)

KN310426BND, donor DNA containing left and right homologous arms and mBFP-Neo

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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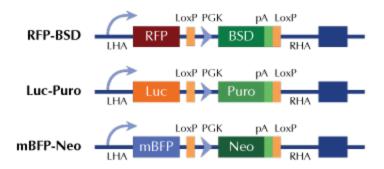
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Product images:

Donor Vector Edited Chromosome



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