

Product datasheet for KN314563RB

Rbm3 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: Rbm3 19652 Locus ID:

KN314563G1, Rbm3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN314563G2, Rbm3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN314563RBD, 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 001166409, NM 001166410, NM 001166411, NM 001293658, NM 016809

UniProt ID: 089086

Synonyms: 2600016C11Rik

Summary: Cold-inducible mRNA binding protein that enhances global protein synthesis at both

> physiological and mild hypothermic temperatures. Reduces the relative abundance of microRNAs, when overexpressed. Enhances phosphorylation of translation initiation factors

and active polysome formation.[UniProtKB/Swiss-Prot Function]



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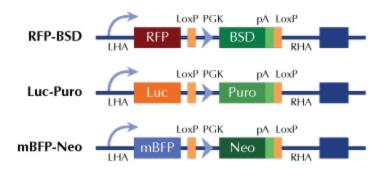
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Product images:

Donor Vector Edited Chromosome



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