

Product datasheet for **KN315633**

Setdb2 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: Setdb2
Locus ID: 239122
Components: **KN315633G1**, Setdb2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CAAGCCATTCCAGGCGGTGC
KN315633G2, Setdb2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCCCCACACACCCAATGGGG
KN315633D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 GGGGATCATG TAACTCGCCT T

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_001081024](#), [NM_001320720](#), [NM_001320721](#), [NR_135463](#)

Synonyms:

Clld8; Gm293; KMT1F

Product images:

