

Product datasheet for KN308333LP

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Inhbb 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

Inhbb Symbol: 16324 Locus ID:

KN308333G1, Inhbb gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN308333G2, Inhbb gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN308333LPD, 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.

NM 008381 RefSeq:

UniProt ID: 004999

Summary: This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily

> of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. Homozygous

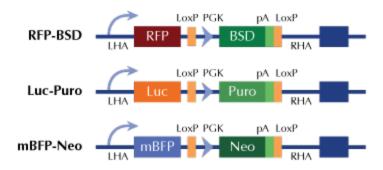
knockout mice for this gene exhibit eyelid defects. [provided by RefSeq, Aug 2016]





Product images:

Donor Vector Edited Chromosome



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