

Product datasheet for KN316149LP

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US

Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Slc50a1 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

Symbol: Slc50a1 Locus ID: 19729

Components: KN316149G1, Slc50a1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN316149G2, Slc50a1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN316149LPD, 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.

RefSeq: NM 009057
UniProt ID: Q9CXK4

Synonyms: MmSWEET1; Rag1ap1; Rga

Summary: Mediates sugar transport across membranes (By similarity). May regulate the expression of

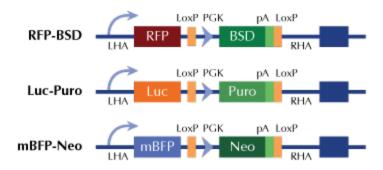
RAG1 a gene involved in V(D)J recombination.[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



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