

Product datasheet for KN301154RB

Alms1 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: Alms1 236266 Locus ID:

KN301154G1, Alms1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN301154G2, Alms1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN301154RBD, 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 145223

UniProt ID: Q8K4E0

Synonyms: bbb

Summary: Involved in PCM1-dependent intracellular transport. Required, directly or indirectly, for the

> localization of NCAPD2 to the proximal ends of centrioles. Required for proper formation and/or maintenance of primary cilia (PC), microtubule-based structures that protrude from

the surface of epithelial cells (By similarity).[UniProtKB/Swiss-Prot Function]



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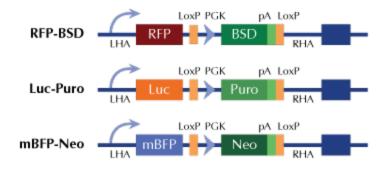
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Product images:

Donor Vector Edited Chromosome



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