

Product datasheet for KN306079RB

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Foxf2 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:RFP-BSDSymbol:Foxf2Locus ID:14238

Components: KN306079G1, Foxf2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN306079G2, Foxf2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN306079RBD, 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: <u>NM 010225</u>

UniProt ID: 054743

Synonyms: Fkh20; FREAC2; LUN

Summary: Probable transcription activator for a number of lung-specific genes (PubMed:9676429).

Mediates up-regulation of the E3 ligase IRF2BPL and drives ubiquitination and degradation of

CTNNB1 (By similarity).[UniProtKB/Swiss-Prot Function]



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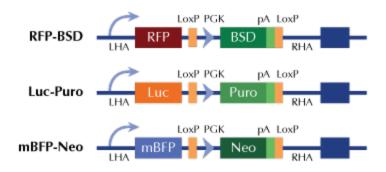
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Product images:

Donor Vector Edited Chromosome



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