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Product datasheet for KN305398

Etnk1 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: Etnk1

Locus ID: 75320

Components: **KN305398G1**, Etnk1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AATTACATCCACGTCCCGCC
KN305398G2, Etnk1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGCACCGTCACGTCGAGCTT
KN305398D, 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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TGGGGGATCA TGTAACTCGC CTT

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.

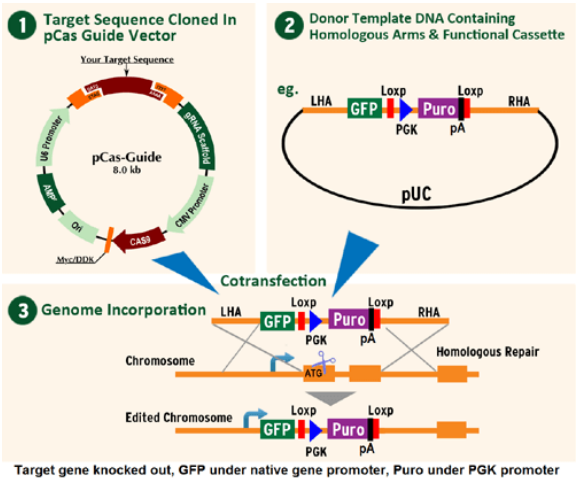
RefSeq: NM_029250

UniProt ID: Q9D4V0

Synonyms: 1110061E11Rik; 4930555L11Rik; AI195356; AI841245; C80956; D6Ertd3e; EKI1

Summary: Highly specific for ethanolamine phosphorylation. May be a rate-controlling step in phosphatidylathanolamine biosynthesis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Target gene knocked out, GFP under native gene promoter, Puro under PGK promoter