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Product datasheet for KN302719

Ccdc50 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: Ccdc50

Locus ID: 67501

Components: **KN302719G1**, Ccdc50 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGGTCGGGACTCGCGGGCTC
KN302719G2, Ccdc50 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTAGATCAGTCCAAGTTGCC
KN302719D, 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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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_001025615, NM_001289436, NM_026202

UniProt ID: Q810U5

Synonyms: C3orf6

Summary: Involved in EGFR signaling.[UniProtKB/Swiss-Prot Function]

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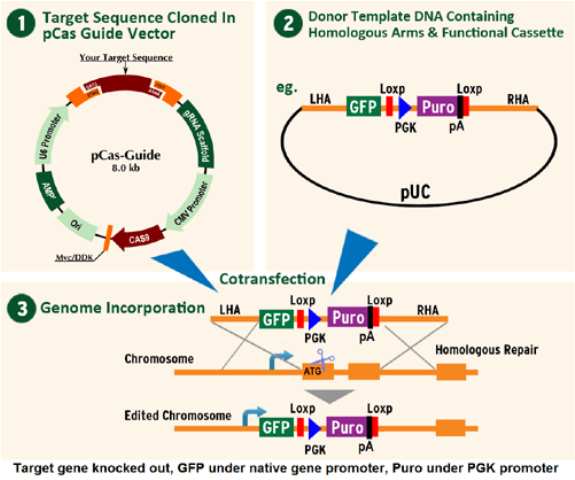

Target gene knocked out, GFP under native gene promoter, Puro under PGK promoter

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