

Product datasheet for **KN212671**

LRRC10 Human 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: LRRC10
Locus ID: 376132
Components: **KN212671G1**, LRRC10 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGCAGGGATGAAGGCCACGA
KN212671G2, LRRC10 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGATCCACCATCTTGCCAG
KN212671D, 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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AAGGCGAGTT ACATGATCCC CCATGTTGTG CAAAAAAGCG GTTAGCTCCT TCGGTCCTCC GATCGTTGTC
AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

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_201550](#)

UniProt ID:

[Q5BKY1](#)

Synonyms:

HRLRRP; LRRRC10A

Summary:

May play important roles in cardiac development and/or cardiac function.[UniProtKB/Swiss-Prot Function]

Product images:

