

Product datasheet for **KN223140**

LMTK3 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: LMTK3
Locus ID: 114783
Components: **KN223140G1**, LMTK3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGTAACCGCACGGGAAACGT
KN223140G2, LMTK3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AAATACCCACGTTTCCCGTG
KN223140D, 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_001080434](#)

Synonyms:

LMR3; PPP1R101; TYKLM3

Product images:

