

Product datasheet for **KN207979**

RNF149 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: RNF149
Locus ID: 284996
Components: **KN207979G1**, RNF149 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGTCGGGGCTCGCGGCGTGT
KN207979G2, RNF149 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGGCGCGAAGCCAGCGTCC
KN207979D, 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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ACTGCGGCA ACTACTTCT GACAACGATC GGAGGACCGA AGGAGCTAAC CGCTTTTTTG CACAACATGG
GGGATCATGT AACTCGCCTT

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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_173647](#)

UniProt ID:

[Q8NC42](#)

Synonyms:

DNAPTP2

Summary:

E3 ubiquitin-protein ligase. Ubiquitinates BRAF, inducing its proteasomal degradation. [UniProtKB/Swiss-Prot Function]

Product images:

