

Product datasheet for KN207979LP

OriGene Technologies, Inc.

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RNF149 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: RNF149 Locus ID: 284996

Components: KN207979G1, RNF149 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN207979G2, RNF149 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN207979LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

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: <u>NM 173647</u>

UniProt ID: Q8NC42
Synonyms: DNAPTP2

Summary: E3 ubiquitin-protein ligase. Ubiquitinates BRAF, inducing its proteasomal degradation.

[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter