

# Product datasheet for KN200966LP

### OriGene Technologies, Inc.

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## HTF9C (TRMT2A) 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: HTF9C Locus ID: 27037

**Components: KN200966G1**, HTF9C gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN200966G2**, HTF9C gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200966LPD, 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 001257994</u>, <u>NM 001331039</u>, <u>NM 022727</u>, <u>NM 182984</u>

UniProt ID: Q8IZ69
Synonyms: HTF9C

**Summary:** The protein encoded by this gene is of unknown function. However, it is orthologous to the

mouse Trmt2a gene and contains an RNA methyltransferase domain. Expression of this gene varies during the cell cycle, with aberrant expression being a possible biomarker in certain breast cancers. Several transcript variants encoding two different isoforms have been found

for this gene. [provided by RefSeq, Apr 2012]





# **Product images:**

### Donor Vector Edited Chromosome



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