

Product datasheet for **KN200966**

HTF9C (TRMT2A) 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:	HTF9C
Locus ID:	27037
Components:	<p>KN200966G1, HTF9C gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCGACAACGAGGTAGAGTGC</p> <p>KN200966G2, HTF9C gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAGTGAGAACCTCGACAACG</p> <p>KN200966D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

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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 TGGGGGATCA TGTAACCTCGC CTT

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_001257994](#), [NM_001331039](#), [NM_022727](#), [NM_182984](#)

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:
