

Product datasheet for **KN215874**

KDM3A / JHDM2A (KDM3A) 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: KDM3A / JHDM2A
Locus ID: 55818
Components: **KN215874G1**, KDM3A / JHDM2A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGGAGAAAGTTGGCCGGTAT
KN215874G2, KDM3A / JHDM2A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTCAGTCTGTCCGCAGCCGA
KN215874D, 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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AGAAGTAAGT TGGCCGCAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 GGATCGTGG TGTCACGCTC GTCGTTTGGT ATGGCTTCAT TCAGCTCCGG TTCCAACGA TC

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_001146688](#), [NM_018433](#)

UniProt ID:

[Q9Y4C1](#)

Synonyms:

JHDM2A; JHMD2A; JMJD1; JMJD1A; TSGA

Summary:

This gene encodes a zinc finger protein that contains a jumonji domain and may play a role in hormone-dependent transcriptional activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]

Product images:

