

#### OriGene Technologies, Inc.

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# Product datasheet for KN215874BN

#### KDM3A / JHDM2A (KDM3A) Human Gene Knockout Kit (CRISPR)

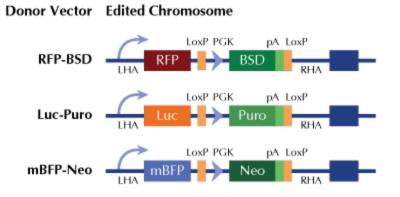
## **Product data:**

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	KDM3A / JHDM2A
Locus ID:	55818
Components:	<ul> <li>KN215874G1, KDM3A / JHDM2A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN215874G2, KDM3A / JHDM2A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN215874BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>
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 001146688, NM 018433</u>
UniProt ID:	<u>Q9Y4C1</u>
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]



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### **Product images:**



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

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