

Product datasheet for KN206328RB

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

ARID3B Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA:RFP-BSDSymbol:ARID3BLocus ID:10620

Components: KN206328G1, ARID3B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN206328G2, ARID3B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206328RBD, donor DNA containing left and right homologous arms and RFP-BSD

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 001307939</u>, <u>NM 006465</u>

UniProt ID: Q8IVW6
Synonyms: BDP; DRIL2

Summary: This gene encodes a member of the ARID (AT-rich interaction domain) family of DNA-binding

proteins. The encoded protein is homologous with two proteins that bind to the

retinoblastoma gene product, and also with the mouse Bright and Drosophila dead ringer proteins. A pseudogene on chromosome 1p31 exists for this gene. Members of the ARID family have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification. [provided by

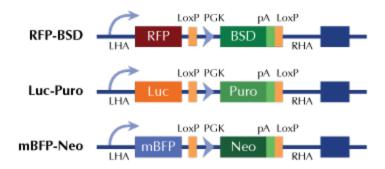
RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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