

Product datasheet for KN200209RB

ZNF274 Human Gene Knockout Kit (CRISPR)

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OriGene Technologies, Inc.

Product data:

Product Type: Knockout Kits (CRISPR)

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

Donor DNA: RFP-BSD Symbol: ZNF274 Locus ID: 10782

Components: KN200209G1, ZNF274 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN200209G2, ZNF274 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200209RBD, 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 001278734, NM 001278735, NM 016324, NM 016325, NM 133502</u>

UniProt ID: Q96GC6

Synonyms: HFB101; ZF2; ZKSCAN19; ZSCAN51

Summary: This gene encodes a zinc finger protein containing five C2H2-type zinc finger domains, one or

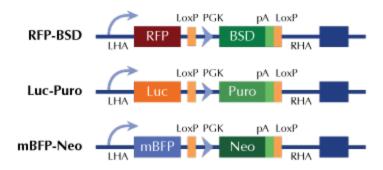
two Kruppel-associated box A (KRAB A) domains, and a leucine-rich domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced transcript variants encoding different isoforms exist. These variants utilize alternative polyadenylation signals. [provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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