

Product datasheet for KN223499BN

OriGene Technologies, Inc.

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CHD1L 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: CHD1L

Locus ID: 9557

Components: KN223499G1, CHD1L gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN223499G2, CHD1L gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN223499BND, donor DNA containing left and right homologous arms and mBFP-Neo

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: NM 001256336, NM 001256337, NM 001256338, NM 004284, NM 024568, NR 046070,

NM 001348451, NM 001348452, NM 001348453, NM 001348454, NM 001348455, NM 001348456, NM 001348457, NM 001348458, NM 001348459, NM 001348460, NM 001348461, NM 001348462, NM 001348463, NM 001348464, NM 001348465,

NM 001348466, NR 145681, NR 145682, NR 145683, NR 145684, NR 145685, NR 145686, NR 145687, NR 145688, NR 145689, NR 145691, NR 145692, NR 145693,

NR 145694, NR 145695

UniProt ID: Q86WJ1

Synonyms: ALC1; CHDL

Summary: This gene encodes a DNA helicase protein involved in DNA repair. The protein converts ATP

to add poly(ADP-ribose) as it regulates chromatin relaxation following DNA damage.

Overexpression of this gene has been linked to several types of cancers. [provided by RefSeq,

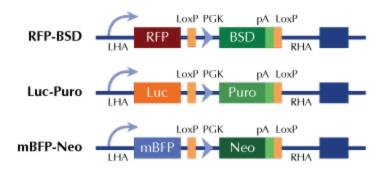
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Product images:

Donor Vector Edited Chromosome



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