

Product datasheet for KN217803RB

CHD2 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: CHD2 Symbol: 1106 Locus ID:

KN217803G1, CHD2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN217803G2, CHD2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN217803RBD, 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: NM 001042572, NM 001271

UniProt ID: O14647 Synonyms: **EEOC**

Summary: The CHD family of proteins is characterized by the presence of chromo (chromatin

> organization modifier) domains and SNF2-related helicase/ATPase domains. CHD genes alter gene expression possibly by modification of chromatin structure thus altering access of the transcriptional apparatus to its chromosomal DNA template. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul

2008]



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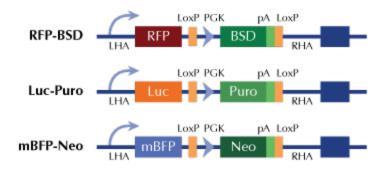
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Product images:

Donor Vector Edited Chromosome



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