

Product datasheet for KN221917BN

OriGene Technologies, Inc.

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NY BR 1 (ANKRD30A) 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: NY BR 1
Locus ID: 91074

Components: KN221917G1, NY BR 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN221917G2, NY BR 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN221917BND, 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: <u>NM 052997</u>

UniProt ID: Q9BXX3
Synonyms: NY-BR-1

Summary: This gene encodes a DNA-binding transcription factor that is uniquely expressed in

mammary epithelium and the testis. Altered expression levels have been associated with

breast cancer progression. [provided by RefSeq, Nov 2016]



Product images:

Donor Vector Edited Chromosome



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