

Product datasheet for KN205364BN

EBAG9 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

EBAG9 Symbol:

Locus ID: 9166

KN205364G1, EBAG9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN205364G2, EBAG9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN205364BND, 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 001278938, NM 004215, NM 198120

UniProt ID: O00559 EB9; PDAF Synonyms:

Summary: This gene was identified as an estrogen-responsive gene. Regulation of transcription by

> estrogen is mediated by estrogen receptor, which binds to the estrogen-responsive element found in the 5'-flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Alternate splicing results in multiple transcript variants. A pseudogene of this gene has been defined on chromosome

10. [provided by RefSeq, Jul 2013]



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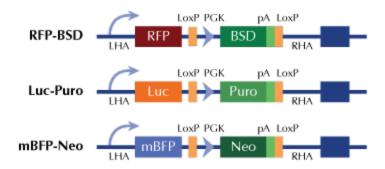
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Product images:

Donor Vector Edited Chromosome



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