

Product datasheet for **KN205364**

EBAG9 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: EBAG9
Locus ID: 9166
Components: **KN205364G1**, EBAG9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGAGAATACTGTTGCTAGGC
KN205364G2, EBAG9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AAATAACCGAAACTGGGTGA
KN205364D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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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](#)

Synonyms:

EB9; PDAF

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]

Product images:
