

## Product datasheet for **KN217041RB**

### KAAG1 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:	RFP-BSD
Symbol:	KAAG1
Locus ID:	353219
Components:	<p><b>KN217041G1</b>, KAAG1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGTGCTTGTGTACCGCAACG</p> <p><b>KN217041G2</b>, KAAG1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGGCACCTCCGCTGTCCCAG</p> <p><b>KN217041RBD</b>, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>Homologous arm and RFP-BSD sequences: pUC vector backbone in gray; <b>Left arm sequence in blue</b>; <b>RFP-BSD in green</b>; <b>Right arm in violet</b></p>

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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 CATCGTGTG TCACGCTCGT CGTTTGTGAT GGCTTCATTC AGCTCCGTT CCAACGATC

**GE10003**, 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\\_181337](#)

**UniProt ID:**

[Q9UBP8](#)

Synonyms: RU2AS

**Product images:**

