

## **Product datasheet for KN205929RB**

#### OriGene Technologies, Inc.

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## C11orf17 (AKIP1) 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: C11orf17 Locus ID: 56672

**Components:** KN205929G1, C11orf17 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN205929G2**, C11orf17 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN205929RBD**, 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 001206645, NM 001206646, NM 001206647, NM 001206648, NM 020642, NM 182901,

NR 045417, NR 045418

UniProt ID: Q9NQ31

**Synonyms:** BCA3; C11orf17

Summary: This gene encodes a nuclear protein that interacts with protein kinase A catalytic subunit, and

regulates the effect of the cAMP-dependent protein kinase signaling pathway on the NF-kappa-B activation cascade. Alternatively spliced transcript variants have been described for

this gene. [provided by RefSeq, Oct 2011]





# **Product images:**

### Donor Vector Edited Chromosome



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