

Product datasheet for **KN205929**

C11orf17 (AKIP1) 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: C11orf17
Locus ID: 56672
Components: **KN205929G1**, C11orf17 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGGCGGCCGAGCGCTGAAT
KN205929G2, C11orf17 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTGAACGCTGCAGGGAACGT
KN205929D, 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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 TTGCTACAGG CATCGTGGTG TCACGCTCGT CGTTTGGTAT GGCTTCATTC AGCTCCGTT CCCAACGATC

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:

