

Product datasheet for **KN201205**

KAP1 (TRIM28) 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:	KAP1
Locus ID:	10155
Components:	<p>KN201205G1, KAP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCGCCAGCGGAGCCCTCGCC</p> <p>KN201205G2, KAP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGAGCGCTTTTCGCCCCAG</p> <p>KN201205D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

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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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 TTCAGCTCCG GTTCCCAACG ATC

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_005762](#)

UniProt ID:

[Q13263](#)

Synonyms:

KAP1; PPP1R157; RNF96; TF1B; TIF1B

Summary:

The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. [provided by RefSeq, Jul 2008]

Product images:

