

Product datasheet for KN201205BN

OriGene Technologies, Inc.

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KAP1 (TRIM28) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: KAP1 Locus ID: 10155

Components: KN201205G1, KAP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN201205G2, KAP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201205BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 005762

 UniProt ID:
 Q13263

Synonyms: KAP1; PPP1R157; RNF96; TF1B; TIF1B

Summary: The protein encoded by this gene mediates transcriptional control by interaction with the

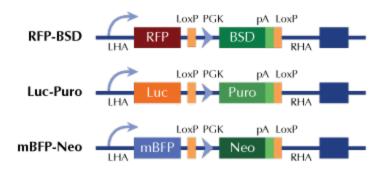
Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zincbinding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region.

[provided by RefSeq, Jul 2008]



Product images:

Donor Vector Edited Chromosome



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