

Product datasheet for KN201916RB

TRIM29 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: Symbol: TRIM29 Locus ID: 23650

KN201916G1, TRIM29 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN201916G2, TRIM29 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201916RBD, 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 001330382, NM 012101, NM 058193

UniProt ID: Q14134 Synonyms: ATDC

Summary: The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc

finger motifs and a leucine zipper motif. It has been proposed to form homo- or

heterodimers which are involved in nucleic acid binding. Thus, it may act as a transcriptional regulatory factor involved in carcinogenesis and/or differentiation. It may also function in the suppression of radiosensitivity since it is associated with ataxia telangiectasia phenotype.

[provided by RefSeq, Jul 2008]



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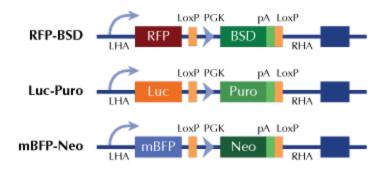
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Product images:

Donor Vector Edited Chromosome



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