

Product datasheet for **KN201916**

TRIM29 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:	TRIM29
Locus ID:	23650
Components:	KN201916G1 , TRIM29 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN201916G2 , TRIM29 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN201916D , donor DNA containing left and right homologous arms and GFP-puro 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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