

Product datasheet for **KN206745RB**

Plzf (ZBTB16) 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:	RFP-BSD
Symbol:	Plzf
Locus ID:	7704
Components:	KN206745G1 , Plzf gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN206745G2 , Plzf gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN206745RBD , 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_001018011](#), [NM_006006](#), [NM_001354750](#), [NM_001354751](#), [NM_001354752](#)

UniProt ID: [Q05516](#)

Synonyms: PLZF; ZNF145

Summary: This gene is a member of the Krueppel C2H2-type zinc-finger protein family and encodes a zinc finger transcription factor that contains nine Kruppel-type zinc finger domains at the carboxyl terminus. This protein is located in the nucleus, is involved in cell cycle progression, and interacts with a histone deacetylase. Specific instances of aberrant gene rearrangement at this locus have been associated with acute promyelocytic leukemia (APL). Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]



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Product images:

