

Product datasheet for KN205812BN

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GERP (TRIM8) 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: GERP Locus ID: 81603

Components: KN205812G1, GERP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN205812G2, GERP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN205812BND, 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: <u>NM 030912</u>, <u>NM 001345950</u>, <u>NR 144321</u>

UniProt ID: Q9BZR9

Synonyms: GERP; RNF27

Summary: This gene encodes a member of the tripartite motif (TRIM) protein family. Based on

similarities to other proteins, the encoded protein is suspected to be an E3 ubiquitin-protein ligase. Regulation of this gene may be altered in some cancers. Mutations resulting in a truncated protein product have been observed in early-onset epileptic encephalopathy

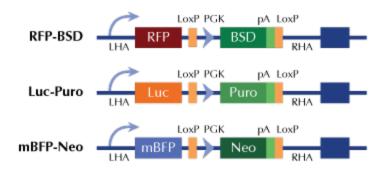
(EOEE). [provided by RefSeq, Sep 2016]





Product images:

Donor Vector Edited Chromosome



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