

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

RefSeq: <u>NM 030912, NM 001345950, 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