

Product datasheet for KN222153LP

OriGene Technologies, Inc.

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IFNE1 (IFNE) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: IFNE1 Locus ID: 338376

Components: KN222153G1, IFNE1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN222153G2, IFNE1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN222153LPD, donor DNA containing left and right homologous arms and Luciferase-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 176891

 UniProt ID:
 Q86WN2

Synonyms: IFN-E; IFNE1; IFNT1; INFE1; PRO655

Summary: Type I interferon required for maintaining basal levels of IFN-regulated genes, including 2'-5'-

oligoadenylate synthetase, IRF7 and ISG15, in the female reproductive tract. Directly mediates protection against viral and bacterial genital infections (By similarity).[UniProtKB/Swiss-Prot

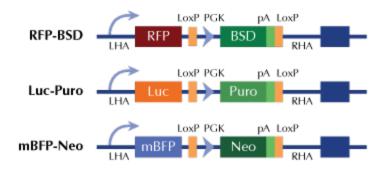
Function1





Product images:

Donor Vector Edited Chromosome



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