

Product datasheet for KN214849BN

OriGene Technologies, Inc.

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RNase L (RNASEL) 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: RNase L
Locus ID: 6041

Components: KN214849G1, RNase L gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN214849G2, RNase L gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN214849BND, 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:
 NM 021133

 UniProt ID:
 Q05823

Synonyms: PRCA1; RNS4

Summary: This gene encodes a component of the interferon-regulated 2-5A system that functions in the

antiviral and antiproliferative roles of interferons. Mutations in this gene have been associated with predisposition to prostate cancer and this gene is a candidate for the

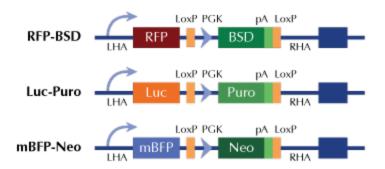
hereditary prostate cancer 1 (HPC1) allele. [provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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