

## Product datasheet for **KN214849BN**

### **RNase L (RNASEL) Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
<b>Donor DNA:</b>	mBFP-Neo
<b>Symbol:</b>	RNase L
<b>Locus ID:</b>	6041
<b>Components:</b>	<b>KN214849G1</b> , RNase L gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN214849G2</b> , RNase L gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN214849BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
<b>Disclaimer:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_021133</a>
<b>UniProt ID:</b>	<a href="#">Q05823</a>
<b>Synonyms:</b>	PRCA1; RNS4
<b>Summary:</b>	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]



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## Product images:

