

## Product datasheet for **KN206970BN**

### **PINK1 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>	PINK1
<b>Locus ID:</b>	65018
<b>Components:</b>	<b>KN206970G1</b> , PINK1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN206970G2</b> , PINK1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN206970BND</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_032409</a>
<b>UniProt ID:</b>	<a href="#">Q9BXM7</a>
<b>Synonyms:</b>	BRPK; PARK6
<b>Summary:</b>	This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson disease. [provided by RefSeq, Jul 2008]



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## Product images:

