

## Product datasheet for **KN220278LP**

### HIPK2 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:	HIPK2
Locus ID:	28996
Components:	<b>KN220278G1</b> , HIPK2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN220278G2</b> , HIPK2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN220278LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , 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\\_001113239](#), [NM\\_014075](#), [NM\\_022740](#)

**UniProt ID:** [Q9H2X6](#)

**Synonyms:** PRO0593

**Summary:** This gene encodes a conserved serine/threonine kinase that is a member of the homeodomain-interacting protein kinase family. The encoded protein interacts with homeodomain transcription factors and many other transcription factors such as p53, and can function as both a corepressor and a coactivator depending on the transcription factor and its subcellular localization. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]



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Product images:

