

## Product datasheet for **KN221217LP**

### DKK4 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:	DKK4
Locus ID:	27121
Components:	<b>KN221217G1</b> , DKK4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN221217G2</b> , DKK4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN221217LPD</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:	<u><a href="#">NM_014420</a></u>
UniProt ID:	<u><a href="#">Q9UBT3</a></u>
Synonyms:	DKK-4
Summary:	This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. Activity of this protein is modulated by binding to the Wnt co-receptor and the co-factor kremen 2. [provided by RefSeq, Jul 2008]



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## Product images:

