

## Product datasheet for **KN201537LP**

### **NFIL3 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
<b>Donor DNA:</b>	Luciferase-Puro
<b>Symbol:</b>	NFIL3
<b>Locus ID:</b>	4783
<b>Components:</b>	<b>KN201537G1</b> , NFIL3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN201537G2</b> , NFIL3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN201537LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro 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_001289999</a> , <a href="#">NM_001290000</a> , <a href="#">NM_005384</a>
<b>UniProt ID:</b>	<a href="#">Q16649</a>
<b>Synonyms:</b>	E4BP4; IL3BP1; NF-IL3A; NFIL3A
<b>Summary:</b>	The protein encoded by this gene is a transcriptional regulator that binds as a homodimer to activating transcription factor (ATF) sites in many cellular and viral promoters. The encoded protein represses PER1 and PER2 expression and therefore plays a role in the regulation of circadian rhythm. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2014]



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## Product images:

