

## Product datasheet for **KN201382LP**

### DPH2 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:	DPH2
Locus ID:	1802
Components:	<b>KN201382G1</b> , DPH2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN201382G2</b> , DPH2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN201382LPD</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:	<a href="#">NM_001039589</a> , <a href="#">NM_001319165</a> , <a href="#">NM_001319166</a> , <a href="#">NM_001319167</a> , <a href="#">NM_001319168</a> , <a href="#">NM_001319169</a> , <a href="#">NM_001319170</a> , <a href="#">NM_001319171</a> , <a href="#">NM_001384</a> , <a href="#">NM_201399</a>
UniProt ID:	<a href="#">Q9BQC3</a>
Synonyms:	DPH2L2
Summary:	This gene is one of two human genes similar to the yeast gene dph2. The yeast gene was identified by its ability to complement a diphthamide mutant strain, and thus probably functions in diphthamide biosynthesis. Diphthamide is a post-translationally modified histidine residue present in elongation factor 2 (EF2) that is the target of diphtheria toxin ADP-ribosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]



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## Product images:

