

## Product datasheet for **KN204203LP**

### DPH3 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:	DPH3
Locus ID:	285381
Components:	<b>KN204203G1</b> , DPH3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN204203G2</b> , DPH3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN204203LPD</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_001047434</a> , <a href="#">NM_206831</a>
UniProt ID:	<a href="#">Q96FX2</a>
Synonyms:	DELGIP; DELGIP1; DESR1; DPH3A; KTI11; ZCSL2
Summary:	This gene encodes a CSL zinc finger-containing protein that is required for diphthamide biosynthesis. The encoded protein is necessary for the initial step in the modification of a histidine residue in elongation factor-2 to diphthamide. This modified residue is a target for ADP ribosylation by the bacterial toxins diphtheria toxin and Pseudomonas exotoxin A. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq, Feb 2009]



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Product images:

