

# Product datasheet for KN204203BN

## DPH3 Human Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

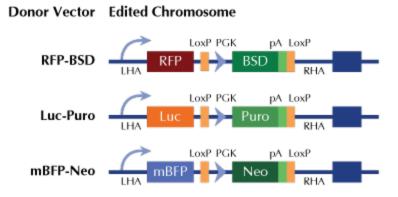
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Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	DPH3
Locus ID:	285381
Components:	<ul> <li>KN204203G1, DPH3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN204203G2, DPH3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN204203BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>
RefSeq:	<u>NM 001047434, NM 206831</u>
UniProt ID:	<u>Q96FX2</u>
Synonyms:	DELGIP; DELGIP1; DESR1; DPH3A; KTI11; ZCSL2
Summary:	This gene encodes a CSL zinc finger-containing protein that is required for dipthamide 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:**



RFP, Luc, and mBFP will be under native gene promoter

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