

Product datasheet for KN201382BN

DPH2 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: DPH2 Locus ID: 1802

Components: KN201382G1, DPH2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN201382G2, DPH2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201382BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001039589, NM 001319165, NM 001319166, NM 001319167, NM 001319168,

NM 001319169, NM 001319170, NM 001319171, NM 001384, NM 201399

UniProt ID: Q9BQC3
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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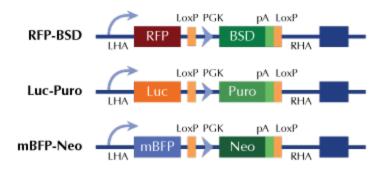
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Product images:

Donor Vector Edited Chromosome



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