

# Product datasheet for KN201229BN

## Prohibitin (PHB) Human Gene Knockout Kit (CRISPR)

### **Product data:**

#### **Product Type:** Knockout Kits (CRISPR) 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control Format: Donor DNA: mBFP-Neo Prohibitin Symbol: 5245 Locus ID: **KN201229G1**, Prohibitin gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN201229G2, Prohibitin gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN201229BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003, scramble sequence in pCas-Guide vector **RefSeq:** NM 001281496, NM 001281497, NM 001281715, NM 002634 **UniProt ID:** P35232 Synonyms: HEL-215; HEL-S-54e; PHB1 Summary: This gene is evolutionarily conserved, and its product is proposed to play a role in human cellular senescence and tumor suppression. Antiproliferative activity is reported to be localized to the 3' UTR, which is proposed to function as a trans-acting regulatory RNA. Several pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

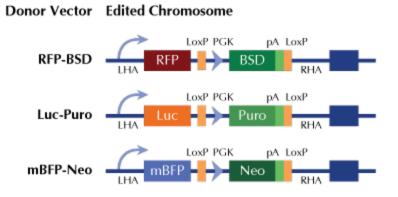


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### **Product images:**



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

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