

## Product datasheet for KN200673BN

# **PFKP 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

**PFKP** Symbol: Locus ID: 5214

**KN200673G1**, PFKP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

**KN200673G2**, PFKP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200673BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, 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: NM 001242339, NM 002627, NM 001323067, NM 001323068, NM 001323069,

NM 001323070, NM 001323071, NM 001323072, NM 001323073, NM 001323074,

NM 001345944

Q01813 UniProt ID:

Synonyms: ATP-PFK; PFK-C; PFK-P; PFKF

**Summary:** This gene encodes a member of the phosphofructokinase A protein family. The encoded

enzyme is the platelet-specific isoform of phosphofructokinase and plays a key role in

glycolysis regulation. This gene may play a role in metabolic reprogramming in some cancers,

including clear cell renal cell carcinomas, and cancer of the bladder, breast, and lung. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]



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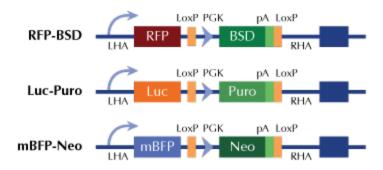
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## **Product images:**

### Donor Vector Edited Chromosome



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