

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

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

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

NM 001345944

UniProt ID: Q01813

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

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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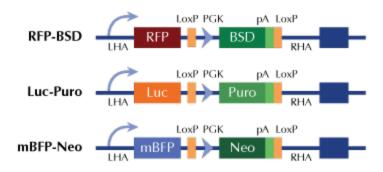
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Product images:

Donor Vector Edited Chromosome



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