

# Product datasheet for KN203397BN

## Lin28 (LIN28A) 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 Lin28 Symbol: 79727 Locus ID: KN203397G1, Lin28 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN203397G2, Lin28 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN203397BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003, scramble sequence in pCas-Guide vector **RefSeq:** NM 024674 **UniProt ID:** Q9H9Z2 CSDD1; LIN-28; lin-28A; LIN28; ZCCHC1 Synonyms: Summary: This gene encodes a LIN-28 family RNA-binding protein that acts as a posttranscriptional regulator of genes involved in developmental timing and self-renewal in embryonic stem cells. The encoded protein functions through direct interaction with target mRNAs and by disrupting the maturation of certain miRNAs involved in embryonic development. This protein prevents the terminal processing of the LET7 family of microRNAs which are major regulators of cellular growth and differentiation. Aberrant expression of this gene is associated with cancer progression in multiple tissues. [provided by RefSeq, Sep 2015]

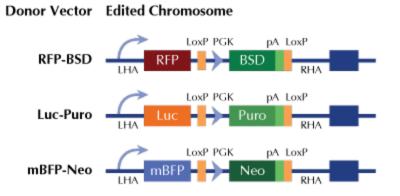


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### **Product images:**



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

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