

# **Product datasheet for KN203676RB**

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OriGene Technologies, Inc.

## **FKBP10 Human Gene Knockout Kit (CRISPR)**

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

**Format:** 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA:RFP-BSDSymbol:FKBP10Locus ID:60681

**Components: KN203676G1**, FKBP10 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN203676G2**, FKBP10 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203676RBD, donor DNA containing left and right homologous arms and RFP-BSD

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 021939

 UniProt ID:
 Q96AY3

Synonyms: BRKS1; FKBP65; hFKBP65; OI6; OI11; PPIASE

**Summary:** The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans

isomerase (PPlase) family. This protein localizes to the endoplasmic reticulum and acts as a molecular chaperone. Alternatively spliced variants encoding different isoforms have been reported, but their biological validity has not been determined.[provided by RefSeq, Nov

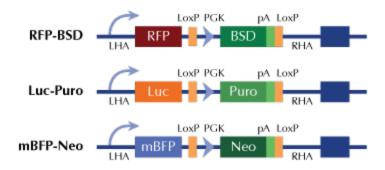
2009]





# **Product images:**

## Donor Vector Edited Chromosome



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