

Product datasheet for KN223437BN

OriGene Technologies, Inc.

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CDKN1A interacting zinc finger protein 1 (CIZ1) 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

Symbol: CDKN1A interacting zinc finger protein 1

Locus ID: 25792

Components: KN223437G1, CDKN1A interacting zinc finger protein 1 gRNA vector 1 in pCas-Guide CRISPR

vector (GE100002)

KN223437G2, CDKN1A interacting zinc finger protein 1 gRNA vector 2 in pCas-Guide CRISPR

vector (GE100002)

KN223437BND, 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: <u>NM 001131015, NM 001131016, NM 001131017, NM 001131018, NM 001257975,</u>

NM 001257976, NM 012127

UniProt ID: Q9ULV3

Synonyms: LSFR1; NP94; ZNF356

Summary: The protein encoded by this gene is a zinc finger DNA binding protein that interacts with

CIP1, part of a complex with cyclin E. The encoded protein may regulate the cellular

localization of CIP1. Several transcript variants encoding different isoforms have been found

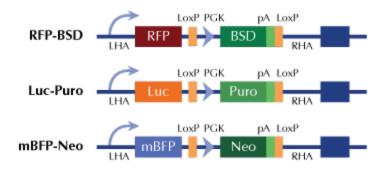
for this gene. [provided by RefSeq, Apr 2012]





Product images:

Donor Vector Edited Chromosome



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