

Product datasheet for **KN223437**

CDKN1A interacting zinc finger protein 1 (CIZ1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
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), Target Sequence: TGAAGCCATCGCGCCCGAGA
KN223437G2, CDKN1A interacting zinc finger protein 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GATCGGGAGCTCCGAGACAT
KN223437D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

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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_001131015](#), [NM_001131016](#), [NM_001131017](#), [NM_001131018](#), [NM_001257975](#), [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:

