

Product datasheet for KN214191LP

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

CCRK (CDK20) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: CCRK Locus ID: 23552

Components: KN214191G1, CCRK gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN214191G2, CCRK gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN214191LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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 001039803, NM 001170639, NM 001170640, NM 012119, NM 178432

UniProt ID: Q8IZL9

Synonyms: CCRK; CDCH; P42; PNQALRE

Summary: The protein encoded by this gene contains a kinase domain most closely related to the cyclin-

dependent protein kinases. The encoded kinase may activate cyclin-dependent kinase 2 and is involved in cell growth. Alternatively spliced transcript variants encoding distinct isoforms

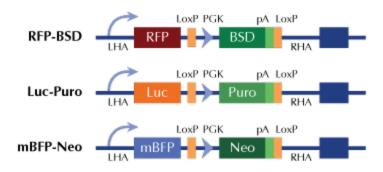
have been reported. [provided by RefSeq, Dec 2009]





Product images:

Donor Vector Edited Chromosome



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