

Product datasheet for **KN206015RB**

PLK4 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-BSD

Symbol: PLK4

Locus ID: 10733

Components: **KN206015G1**, PLK4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN206015G2, PLK4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN206015RBD, 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_001190799](#), [NM_001190801](#), [NM_014264](#)

UniProt ID: [O00444](#)

Synonyms: MCCRP2; SAK; STK18

Summary: This gene encodes a member of the polo family of serine/threonine protein kinases. The protein localizes to centrioles, complex microtubule-based structures found in centrosomes, and regulates centriole duplication during the cell cycle. Three alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. [provided by RefSeq, Jun 2010]



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Product images:

