

Product datasheet for KN220698RB

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MAP4K1 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: MAP4K1 Symbol: Locus ID: 11184

KN220698G1, MAP4K1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN220698G2, MAP4K1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN220698RBD, 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 001042600, NM 007181

UniProt ID: 092918 Synonyms: HPK1

Summary: Serine/threonine-protein kinase, which may play a role in the response to environmental

> stress. Appears to act upstream of the JUN N-terminal pathway. May play a role in hematopoietic lineage decisions and growth regulation. Able to autophosphorylate.

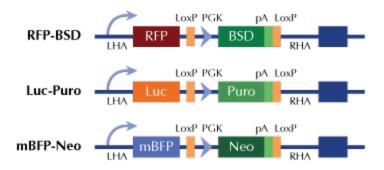
[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



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