

## Product datasheet for KN217448BN

# MAP4K3 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 MAP4K3 Symbol:

Locus ID: 8491

KN217448G1, MAP4K3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN217448G2, MAP4K3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN217448BND, 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: NM 001270425, NM 003618

**UniProt ID:** Q8IVH8

Synonyms: GLK; MAPKKKK3; MEKKK 3; MEKKK3; RAB8IPL1

Summary: This gene encodes a member of the mitogen-activated protein kinase kinase kinase kinase

family. The encoded protein activates key effectors in cell signalling, among them c-Jun.

Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene.

[provided by RefSeq, Jul 2012]



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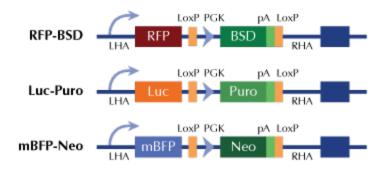
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# **Product images:**

### Donor Vector Edited Chromosome



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