

Product datasheet for KN206169LP

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Snf1lk (SIK1) 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: Snf1lk Locus ID: 150094

Components: KN206169G1, Snf1lk gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN206169G2, Snf1lk gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206169LPD, 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: <u>NM 173354</u>

UniProt ID: P57059

Synonyms: MSK; SIK; SNF1LK

Summary: This gene encodes a serine/threonine protein kinase that contains a ubiquitin-associated

(UBA) domain. The encoded protein is a member of the adenosine monophosphate-activated

kinase (AMPK) subfamily of kinases that play a role in conserved signal transduction

pathways. A mutation in this gene is associated with early infantile epileptic encephalopathy

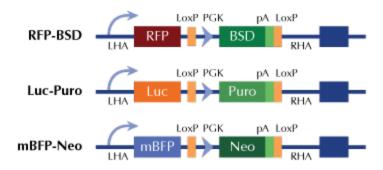
30. [provided by RefSeq, Nov 2016]





Product images:

Donor Vector Edited Chromosome



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