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Product datasheet for KN206169BN

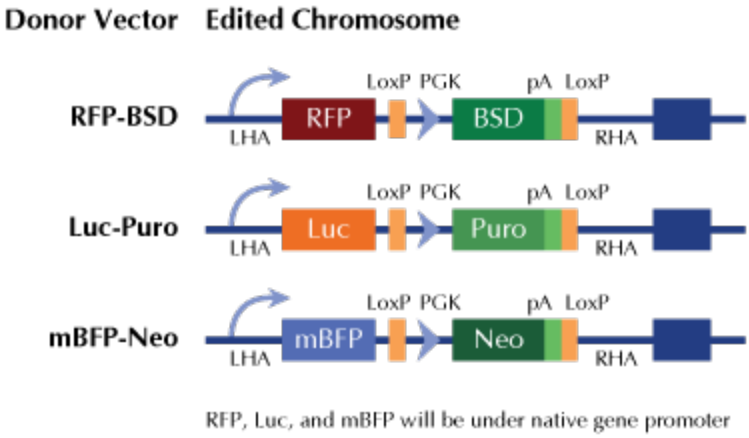
Snf1lk (SIK1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
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) **KN206169BND**, 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_173354
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]

View online »

Product images:



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