

Product datasheet for KN208622BN

SRC 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

SRC Symbol: 6714 Locus ID:

KN208622G1, SRC gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN208622G2, SRC gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN208622BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 005417, NM 198291

UniProt ID: P12931

Synonyms: ASV; c-SRC; p60-Src; SRC1; THC6

Summary: This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may

> play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this

gene. [provided by RefSeq, Jul 2008]



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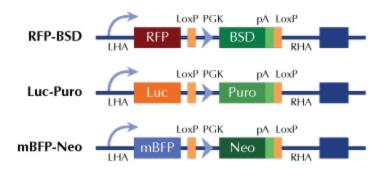
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Product images:

Donor Vector Edited Chromosome



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