

Product datasheet for **KN208622BN**

SRC Human Gene Knockout Kit (CRISPR)

Product data:

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| Product Type: | Knockout Kits (CRISPR) |
| Format: | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control |
| Donor DNA: | mBFP-Neo |
| Symbol: | SRC |
| Locus ID: | 6714 |
| Components: | KN208622G1 , SRC gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) 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: | <u>NM_005417</u> , <u>NM_198291</u> |
| UniProt ID: | <u>P12931</u> |
| 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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Product images:

