

Product datasheet for KN200695BN

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436

OriGene Technologies, Inc.

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

FLI1 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: FLI1 Locus ID: 2313

Components: KN200695G1, FLI1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN200695G2, FLI1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200695BND, 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: <u>NM 001167681, NM 001271010, NM 001271012, NM 002017</u>

UniProt ID: Q01543

Synonyms: EWSR2; SIC-1

Summary: This gene encodes a transcription factor containing an ETS DNA-binding domain. The gene

can undergo a t(11;22)(q24;q12) translocation with the Ewing sarcoma gene on chromosome 22, which results in a fusion gene that is present in the majority of Ewing sarcoma cases. An acute lymphoblastic leukemia-associated t(4;11)(q21;q23) translocation involving this gene has also been identified. Alternative splicing results in multiple transcript variants. [provided

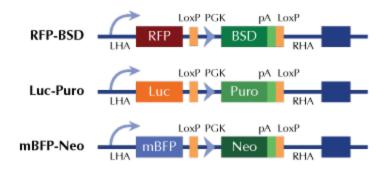
by RefSeq, Aug 2012]





Product images:

Donor Vector Edited Chromosome



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