

Product datasheet for **KN200695**

FLI1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: FLI1
Locus ID: 2313
Components: **KN200695G1**, FLI1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GACTATTAAGGTAAGCGGCG
KN200695G2, FLI1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGCCACGTCTCCGGGACGC
KN200695D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 GGGGATCATG TAACTCGCCT T

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_001167681](#), [NM_001271010](#), [NM_001271012](#), [NM_002017](#)

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:

