

Product datasheet for **KN200600**

VGLL1 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: VGLL1
Locus ID: 51442
Components: **KN200600G1**, VGLL1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAATTCCATTCCGTCTTTAT
KN200600G2, VGLL1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TTTGCCTTTGGGCAGCCGGA
KN200600D, 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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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

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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_016267](#)

UniProt ID:

[Q99990](#)

Synonyms:

TDU; VGL1

Summary:

The protein encoded by this gene binds proteins of the TEA domain family of transcription factors (TEFs) through the Vg (vestigial) homology region found in its N-terminus. It may thus function as a specific coactivator for the mammalian TEFs. [provided by RefSeq, Sep 2009]

Product images:

