

Product datasheet for KN200600LP

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

VGLL1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: VGLL1 Locus ID: 51442

Components: KN200600G1, VGLL1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN200600G2, VGLL1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200600LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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 016267</u>

UniProt ID: Q99990

Synonyms: TDU; VGL1

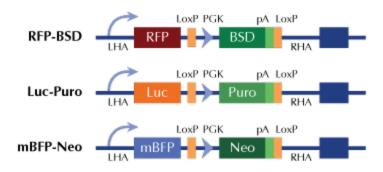
Summary: The protein encoded by this gene binds proteins of the TEA domain family of transcription

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:

Donor Vector Edited Chromosome



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