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Product datasheet for KN201618LP

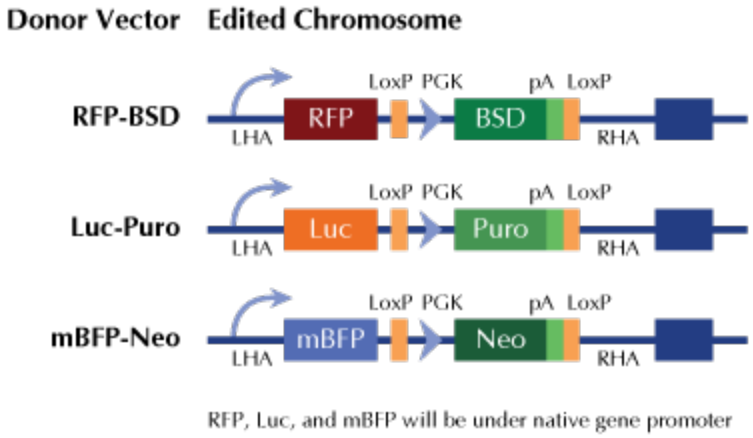
GATA3 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	GATA3
Locus ID:	2625
Components:	**KN201618G1**, GATA3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN201618G2**, GATA3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN201618LPD**, 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:	NM_001002295, NM_002051
UniProt ID:	P23771
Synonyms:	HDR; HDRS
Summary:	This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009]

View online »

Product images:



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