

# Product datasheet for KN201618BN

## GATA3 Human Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

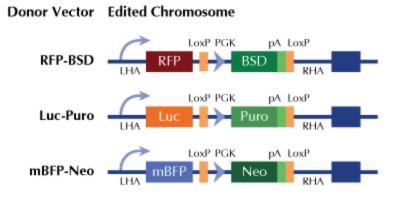
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Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	GATA3
Locus ID:	2625
Components:	<ul> <li>KN201618G1, GATA3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN201618G2, GATA3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN201618BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>
RefSeq:	<u>NM 001002295, NM 002051</u>
UniProt ID:	<u>P23771</u>
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]



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#### **Product images:**



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

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