

## Product datasheet for **KN208554RB**

### GATA2 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	GATA2
Locus ID:	2624
Components:	<b>KN208554G1</b> , GATA2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN208554G2</b> , GATA2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN208554RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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\\_001145661](#), [NM\\_001145662](#), [NM\\_002050](#), [NM\\_032638](#)

**UniProt ID:** [P23769](#)

**Synonyms:** DCML; IMD21; MONOMAC; NFE1B

**Summary:** This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]



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## Product images:

