

Product datasheet for **KN210945RB**

GATA4 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:	GATA4
Locus ID:	2626
Components:	<p>KN210945G1, GATA4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210945G2, GATA4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210945RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001308093 , NM_001308094 , NM_002052
UniProt ID:	P43694
Synonyms:	ASD2; TACHD; TOF; VSD1
Summary:	<p>This gene encodes a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. This protein is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function, and is necessary for normal testicular development. Mutations in this gene have been associated with cardiac septal defects. Additionally, alterations in gene expression have been associated with several cancer types. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]</p>



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Product images:

