

## Product datasheet for **KN217704RB**

### AREB6 (ZEB1) 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:	AREB6
Locus ID:	6935
Components:	<b>KN217704G1</b> , AREB6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN217704G2</b> , AREB6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN217704RBD</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\\_001128128](#), [NM\\_001174093](#), [NM\\_001174094](#), [NM\\_001174095](#), [NM\\_001174096](#), [NM\\_001323638](#), [NM\\_001323641](#), [NM\\_001323642](#), [NM\\_001323643](#), [NM\\_001323644](#), [NM\\_001323645](#), [NM\\_001323646](#), [NM\\_001323647](#), [NM\\_001323648](#), [NM\\_001323649](#), [NM\\_001323650](#), [NM\\_001323651](#), [NM\\_001323652](#), [NM\\_001323653](#), [NM\\_001323654](#), [NM\\_001323655](#), [NM\\_001323656](#), [NM\\_001323657](#), [NM\\_001323658](#), [NM\\_001323659](#), [NM\\_001323660](#), [NM\\_001323661](#), [NM\\_001323662](#), [NM\\_001323663](#), [NM\\_001323664](#), [NM\\_001323665](#), [NM\\_001323666](#), [NM\\_001323671](#), [NM\\_001323672](#), [NM\\_001323673](#), [NM\\_001323674](#), [NM\\_001323675](#), [NM\\_001323676](#), [NM\\_001323677](#), [NM\\_001323678](#), [NM\\_030751](#), [NR\\_024285](#), [NR\\_024286](#), [NR\\_024287](#)

**UniProt ID:** [P37275](#)

**Synonyms:** AREB6; BZP; DELTAEF1; FECD6; NIL2A; PPCD3; TCF8; ZFHPEP; ZFHX1A



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**Summary:**

This gene encodes a zinc finger transcription factor. The encoded protein likely plays a role in transcriptional repression of interleukin 2. Mutations in this gene have been associated with posterior polymorphous corneal dystrophy-3 and late-onset Fuchs endothelial corneal dystrophy. Alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Mar 2010]

**Product images:**
