

## Product datasheet for **KN207131RB**

### CISD2 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:	CISD2
Locus ID:	493856
Components:	<b>KN207131G1</b> , CISD2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN207131G2</b> , CISD2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN207131RBD</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\\_001008388](#)

**UniProt ID:** [Q8N5K1](#)

**Synonyms:** ERIS; Miner1; NAF-1; WFS2; ZCD2

**Summary:** The protein encoded by this gene is a zinc finger protein that localizes to the endoplasmic reticulum. The encoded protein binds an iron/sulfur cluster and may be involved in calcium homeostasis. Defects in this gene are a cause of Wolfram syndrome 2. [provided by RefSeq, Mar 2011]



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## Product images:

