

## Product datasheet for **KN200626RB**

### Pirin (PIR) 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:	Pirin
Locus ID:	8544
Components:	<b>KN200626G1</b> , Pirin gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN200626G2</b> , Pirin gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN200626RBD</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:	<a href="#">NM_001018109</a> , <a href="#">NM_003662</a>
UniProt ID:	<a href="#">O00625</a>
Synonyms:	OTTHUMP00000022961; OTTHUMP00000022962; pirin; pirin (iron-binding nuclear protein)
Summary:	This gene encodes a member of the cupin superfamily. The encoded protein is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded oncoprotein suggest the encoded protein may act as a transcriptional cofactor and be involved in the regulation of DNA transcription and replication. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]



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## Product images:

