

## Product datasheet for **KN224085BN**

### BRIP1 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	BRIP1
Locus ID:	83990
Components:	<p><b>KN224085G1</b>, BRIP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN224085G2</b>, BRIP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN224085BND</b>, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	<u><a href="#">NM_032043</a></u>
UniProt ID:	<u><a href="#">Q9BX63</a></u>
Synonyms:	BACH1; FANCJ; OF
Summary:	<p>The protein encoded by this gene is a member of the RecQ DEAH helicase family and interacts with the BRCT repeats of breast cancer, type 1 (BRCA1). The bound complex is important in the normal double-strand break repair function of breast cancer, type 1 (BRCA1). This gene may be a target of germline cancer-inducing mutations. [provided by RefSeq, Jul 2008]</p>



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## Product images:

