

## Product datasheet for **KN216879BN**

### BRD4 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:	BRD4
Locus ID:	23476
Components:	<p><b>KN216879G1</b>, BRD4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN216879G2</b>, BRD4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN216879BND</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_001330384</a></u> , <u><a href="#">NM_014299</a></u> , <u><a href="#">NM_058243</a></u>
UniProt ID:	<u><a href="#">O60885</a></u>
Synonyms:	CAP; HUNK1; HUNKI; MCAP
Summary:	<p>The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]</p>



[View online »](#)

## Product images:

