

## Product datasheet for **KN217988BN**

### AKAP2 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:	AKAP2
Locus ID:	11217
Components:	<b>KN217988G1</b> , AKAP2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN217988G2</b> , AKAP2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN217988BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo 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="#">N51499</a>
Summary:	The protein encoded by this gene binds to the regulatory subunit of protein kinase A and is found associated with the actin cytoskeleton. The encoded protein mediates signals carried by cAMP and may be involved in creating polarity in certain signaling processes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]



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## Product images:

