

## Product datasheet for **KN217528RB**

### REV1 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:	REV1
Locus ID:	51455
Components:	<b>KN217528G1</b> , REV1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN217528G2</b> , REV1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN217528RBD</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_001037872</a> , <a href="#">NM_001321454</a> , <a href="#">NM_001321455</a> , <a href="#">NM_001321458</a> , <a href="#">NM_001321459</a> , <a href="#">NM_001321460</a> , <a href="#">NM_016316</a> , <a href="#">NR_135649</a> , <a href="#">NR_135650</a> , <a href="#">NR_135651</a> , <a href="#">NR_135652</a> , <a href="#">NR_135653</a>
UniProt ID:	<a href="#">Q9UBZ9</a>
Synonyms:	AIBP80; REV1L
Summary:	This gene encodes a protein with similarity to the <i>S. cerevisiae</i> mutagenesis protein Rev1. The Rev1 proteins contain a BRCT domain, which is important in protein-protein interactions. A suggested role for the human Rev1-like protein is as a scaffold that recruits DNA polymerases involved in translesion synthesis (TLS) of damaged DNA. [provided by RefSeq, Mar 2016]



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Product images:

