

## Product datasheet for **KN214047RB**

### PIK3CD 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:	PIK3CD
Locus ID:	5293
Components:	<b>KN214047G1</b> , PIK3CD gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN214047G2</b> , PIK3CD gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN214047RBD</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_005026</a> , <a href="#">NM_001350234</a> , <a href="#">NM_001350235</a>
UniProt ID:	<a href="#">O00329</a>
Synonyms:	APDS; IMD14; p110D; P110DELTA; PI3K
Summary:	Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune response. The protein encoded by this gene is a class I PI3K found primarily in leukocytes. Like other class I PI3Ks (p110-alpha p110-beta, and p110-gamma), the encoded protein binds p85 adapter proteins and GTP-bound RAS. However, unlike the other class I PI3Ks, this protein phosphorylates itself, not p85 protein.[provided by RefSeq, Jul 2010]



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## Product images:

