

## Product datasheet for **KN212982BN**

### RICTOR 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:	RICTOR
Locus ID:	253260
Components:	<b>KN212982G1</b> , RICTOR gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN212982G2</b> , RICTOR gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN212982BND</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="#">NM_001285439</a> , <a href="#">NM_001285440</a> , <a href="#">NM_152756</a>
UniProt ID:	<a href="#">Q6R327</a>
Synonyms:	AVO3; hAVO3; PIA
Summary:	RICTOR and MTOR (FRAP1; MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbasov et al., 2004 [PubMed 15268862]).[supplied by OMIM, Mar 2008]



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## Product images:

