

Product datasheet for **KN217764BN**

ROCK2 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:	ROCK2
Locus ID:	9475
Components:	<p>KN217764G1, ROCK2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN217764G2, ROCK2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN217764BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, 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:	NM_001321643 , NM_004850
UniProt ID:	O75116
Synonyms:	ROCK-II
Summary:	<p>The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho. [provided by RefSeq, Jul 2008]</p>



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Product images:

