

## Product datasheet for **KN205935LP**

### **BIRC5 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
<b>Donor DNA:</b>	Luciferase-Puro
<b>Symbol:</b>	BIRC5
<b>Locus ID:</b>	332
<b>Components:</b>	<b>KN205935G1</b> , BIRC5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN205935G2</b> , BIRC5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN205935LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
<b>Disclaimer:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001012270</a> , <a href="#">NM_001012271</a> , <a href="#">NM_001168</a>
<b>UniProt ID:</b>	<a href="#">O15392</a>
<b>Synonyms:</b>	API4; EPR-1
<b>Summary:</b>	This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors, yet low in adult tissues. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2011]



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## Product images:

