

## Product datasheet for **KN206013BN**

### **SAMHD1 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
<b>Donor DNA:</b>	mBFP-Neo
<b>Symbol:</b>	SAMHD1
<b>Locus ID:</b>	25939
<b>Components:</b>	<b>KN206013G1</b> , SAMHD1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN206013G2</b> , SAMHD1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN206013BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo 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_015474</a> , <a href="#">NM_001363729</a> , <a href="#">NM_001363733</a>
<b>UniProt ID:</b>	<a href="#">Q9Y3Z3</a>
<b>Synonyms:</b>	CHBL2; DCIP; HDDC1; MOP-5; SBB188
<b>Summary:</b>	This gene may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in this gene have been associated with Aicardi-Goutieres syndrome. [provided by RefSeq, Mar 2010]



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## Product images:

