

## Product datasheet for **KN210009LP**

### HGD Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	HGD
Locus ID:	3081
Components:	<b>KN210009G1</b> , HGD gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN210009G2</b> , HGD gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN210009LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro 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_000187</a>
UniProt ID:	<a href="#">Q93099</a>
Synonyms:	AKU; HGO
Summary:	This gene encodes the enzyme homogentisate 1,2 dioxygenase. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria.[provided by RefSeq, May 2010]



[View online »](#)

## Product images:

