

## Product datasheet for **KN200145LP**

### Ceramide synthase 2 (CERS2) 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:	Ceramide synthase 2
Locus ID:	29956
Components:	<b>KN200145G1</b> , Ceramide synthase 2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN200145G2</b> , Ceramide synthase 2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN200145LPD</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_013384</a> , <a href="#">NM_022075</a> , <a href="#">NM_181746</a>
UniProt ID:	<a href="#">Q96G23</a>
Synonyms:	FLJ10243; L3; MGC987; SP260; TMSG1
Summary:	This gene encodes a protein that has sequence similarity to yeast longevity assurance gene 1. Mutation or overexpression of the related gene in yeast has been shown to alter yeast lifespan. The human protein may play a role in the regulation of cell growth. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008]



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## Product images:

