

## Product datasheet for **KN220035LP**

### VDAC2 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:	VDAC2
Locus ID:	7417
Components:	<b>KN220035G1</b> , VDAC2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN220035G2</b> , VDAC2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN220035LPD</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_001184783</a> , <a href="#">NM_001184823</a> , <a href="#">NM_003375</a> , <a href="#">NR_033675</a> , <a href="#">NM_001324087</a> , <a href="#">NM_001324088</a> , <a href="#">NM_001324089</a> , <a href="#">NM_001324090</a>
UniProt ID:	<a href="#">P45880</a>
Synonyms:	POR
Summary:	This gene encodes a member of the voltage-dependent anion channel pore-forming family of proteins that are considered the main pathway for metabolite diffusion across the mitochondrial outer membrane. The encoded protein is also thought to be involved in the mitochondrial apoptotic pathway via regulation of BCL2-antagonist/killer 1 protein activity. Pseudogenes have been identified on chromosomes 1, 2, 12 and 21, and alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]



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## Product images:

