

## Product datasheet for **KN208599LP**

### Oct-1 (POU2F1) 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:	Oct-1
Locus ID:	5451
Components:	<b>KN208599G1</b> , Oct-1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN208599G2</b> , Oct-1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN208599LPD</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_001198783</a> , <a href="#">NM_001198786</a> , <a href="#">NM_002697</a> , <a href="#">NR_037163</a> , <a href="#">NM_001365848</a> , <a href="#">NM_001365849</a>
UniProt ID:	<a href="#">P14859</a>
Synonyms:	oct-1B; OCT1; OTF1
Summary:	The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.[supplied by OMIM, Jul 2010]



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Product images:

