

## Product datasheet for **KN206575LP**

### SLC22A4 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:	SLC22A4
Locus ID:	6583
Components:	<b>KN206575G1</b> , SLC22A4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN206575G2</b> , SLC22A4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN206575LPD</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_003059</a>
UniProt ID:	<a href="#">Q9H015</a>
Synonyms:	OCTN1
Summary:	Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. The encoded protein is an organic cation transporter and plasma integral membrane protein containing eleven putative transmembrane domains as well as a nucleotide-binding site motif. Transport by this protein is at least partially ATP-dependent. [provided by RefSeq, Jul 2008]



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Product images:

