

## Product datasheet for **KN316144LP**

### Slc4a4 Mouse 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:	Slc4a4
Locus ID:	54403
Components:	<b>KN316144G1</b> , Slc4a4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN316144G2</b> , Slc4a4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN316144LPD</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_001136260</a> , <a href="#">NM_001197147</a> , <a href="#">NM_018760</a> , <a href="#">NM_001359211</a> , <a href="#">NM_001359212</a> , <a href="#">NM_001359213</a>
UniProt ID:	<a href="#">O88343</a>
Synonyms:	AI835705; NBC; NBC1
Summary:	Electrogenic sodium/bicarbonate cotransporter with a Na(+):HCO3(-) stoichiometry varying from 1:2 to 1:3. May regulate bicarbonate influx/efflux at the basolateral membrane of cells and regulate intracellular pH.[UniProtKB/Swiss-Prot Function]



[View online »](#)

Product images:

