

## Product datasheet for **KN222922LP**

### SLC15A1 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:	SLC15A1
Locus ID:	6564
Components:	<b>KN222922G1</b> , SLC15A1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN222922G2</b> , SLC15A1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN222922LPD</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_005073</a>
UniProt ID:	<a href="#">P46059</a>
Synonyms:	HPECT1; HPEPT1; PEPT1
Summary:	This gene encodes an intestinal hydrogen peptide cotransporter that is a member of the solute carrier family 15. The encoded protein is localized to the brush border membrane of the intestinal epithelium and mediates the uptake of di- and tripeptides from the lumen into the enterocytes. This protein plays an important role in the uptake and digestion of dietary proteins. This protein also facilitates the absorption of numerous peptidomimetic drugs. [provided by RefSeq, Apr 2010]



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Product images:

