

Product datasheet for **KN215932**

SLC15A4 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: SLC15A4
Locus ID: 121260
Components: **KN215932G1**, SLC15A4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAGGGCTCTGGGGGCGGTGC
KN215932G2, SLC15A4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGCGAGCGGGCGCCGCTGCT
KN215932D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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GE100003, 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:

[NM_145648](#)

UniProt ID:

[Q8N697](#)

Synonyms:

FP12591; PHT1; PTR4

Summary:

Proton oligopeptide cotransporter. Transports free histidine and certain di- and tripeptides. [UniProtKB/Swiss-Prot Function]

Product images:

