

## Product datasheet for KN215932BN

# **SLC15A4 Human Gene Knockout Kit (CRISPR)**

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo SLC15A4 Symbol: Locus ID: 121260

**KN215932G1**, SLC15A4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN215932G2, SLC15A4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN215932BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

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]



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# **Product images:**

### Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter