

## Product datasheet for **KN315860BN**

### Slc11a2 Mouse 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
Symbol:	Slc11a2
Locus ID:	18174
Components:	<b>KN315860G1</b> , Slc11a2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN315860G2</b> , Slc11a2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN315860BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo 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_001146161</a> , <a href="#">NM_008732</a> , <a href="#">NM_001356952</a>
UniProt ID:	<a href="#">P49282</a>
Synonyms:	DCT1; DMT1; mk; Nramp2; van
Summary:	May serve to import iron into the mitochondria (By similarity). Important in metal transport, in particular iron. Involved in apical iron uptake into duodenal enterocytes. Involved in iron transport from acidified endosomes into the cytoplasm of erythroid precursor cells. May play an important role in hepatic iron accumulation and tissue iron distribution.[UniProtKB/Swiss-Prot Function]



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## Product images:

