

## Product datasheet for **KN203650RB**

### SLC25A22 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	SLC25A22
Locus ID:	79751
Components:	<b>KN203650G1</b> , SLC25A22 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN203650G2</b> , SLC25A22 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN203650RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD 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_001191060</a> , <a href="#">NM_001191061</a> , <a href="#">NM_024698</a>
UniProt ID:	<a href="#">Q9H936</a>
Synonyms:	EIEE3; GC-1; GC1; NET44
Summary:	This gene encodes a mitochondrial glutamate carrier. Mutations in this gene are associated with early infantile epileptic encephalopathy. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Jul 2010]



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## Product images:

