

Product datasheet for **KN209855**

SLC25A24 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: SLC25A24
Locus ID: 29957
Components: **KN209855G1**, SLC25A24 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AAGAGGGTCTCGTAGCGCGT
KN209855G2, SLC25A24 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGAATTCGTGCTGCCACCG
KN209855D, 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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TGGCAACAAC GTTGCACAAA CTATTAACCTG GCGAACTACT TACTCTAGCT TCCCAGCAAC AATTAATAGA
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 CACTGCGGCC AACTTACTTC TGACAACGAT CGGAGGACCG AAGGAGCTAA CCGCTTTTTT GCACAACATG
 GGGGATCATG TAACTCGCCT T

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_013386](#), [NM_213651](#)

UniProt ID:

[Q6NUK1](#)

Synonyms:

APC1; SCAMC-1

Summary:

This gene encodes a carrier protein that transports ATP-Mg exchanging it for phosphate. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]

Product images:

