

Product datasheet for **KN200364**

FCGRT 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: FCGRT
Locus ID: 2217
Components: **KN200364G1**, FCGRT gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTTTCTCCTTCTGGGAGCC
KN200364G2, FCGRT gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCACCTGCGCCCAGGCTCCC
KN200364D, 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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AGCTCCGGTT CCAACGATC

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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_001136019](#), [NM_004107](#)

UniProt ID:

[P55899](#)

Synonyms:

alpha-chain; FCRN

Summary:

This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]

Product images:

