

Product datasheet for **KN207938**

FAM80A (RIMKLA) 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: FAM80A
Locus ID: 284716
Components: **KN207938G1**, FAM80A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTCCCAGCTCTGGTTCCTGA
KN207938G2, FAM80A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGCGCAGGATCTGCACCTGC
KN207938D, 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 TCCCAGGCAAC AATTAATAGA
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ACACTGCGGC CAACTTACTT CTGACAACGA TCGGAGGACC GAAGGAGCTA ACCGCTTTTT TGCACAACAT
GGGGGATCAT GTAACCTGCC TT

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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_173642](#)

UniProt ID:

[Q8IXN7](#)

Synonyms:

FAM80A; NAAGS; NAAGS-II

Summary:

Catalyzes the synthesis of N-acetyl-L-aspartyl-L-glutamate (NAAG) and N-acetyl-L-aspartyl-L-glutamyl-L-glutamate.[UniProtKB/Swiss-Prot Function]

Product images:

