

Product datasheet for **KN210959**

FAM83B 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:	FAM83B
Locus ID:	222584
Components:	<p>KN210959G1, FAM83B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGATACCATTCTTGTAGTG</p> <p>KN210959G2, FAM83B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TTTACTCATCATTCAATG</p> <p>KN210959D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

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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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

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_001010872](#)

UniProt ID:

[Q5T0W9](#)

Synonyms:

C6orf143

Summary:

Probable proto-oncogene that functions in the epidermal growth factor receptor/EGFR signaling pathway. May activate both the EGFR itself and downstream RAS/MAPK and PI3K/AKT/TOR signaling cascades.[UniProtKB/Swiss-Prot Function]

Product images:

