

# Product datasheet for KN207945RB

### FAM20C 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:** FAM20C Symbol: 56975 Locus ID:

KN207945G1, FAM20C gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN207945G2, FAM20C gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN207945RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

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 020223

**UniProt ID: 08IXL6** 

Synonyms: DMP-4; DMP4; G-CK; GEF-CK; RNS

Summary: This gene encodes a member of the family of secreted protein kinases. The encoded protein

> binds calcium and phosphorylates proteins involved in bone mineralization. Mutations in this gene are associated with the autosomal recessive disorder Raine syndrome. [provided by

RefSeq, Apr 2014]



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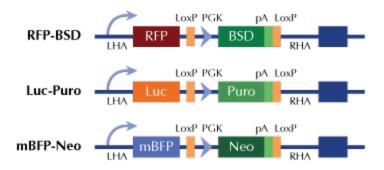
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## **Product images:**

#### Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter