

### Product datasheet for KN213887BN

# NR5A2 Human Gene Knockout Kit (CRISPR)

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

**Donor DNA:** mBFP-Neo NR5A2 Symbol:

Locus ID: 2494

**KN213887G1**, NR5A2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN213887G2, NR5A2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN213887BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 001276464, NM 003822, NM 205860

**UniProt ID:** 000482

Synonyms: B1F; B1F2; CPF; FTF; FTZ-F1; FTZ-F1beta; hB1F-2; LRH-1; LRH1

Summary: The protein encoded by this gene is a DNA-binding zinc finger transcription factor and is a

member of the fushi tarazu factor-1 subfamily of orphan nuclear receptors. The encoded

protein is involved in the expression of genes for hepatitis B virus and cholesterol

biosynthesis, and may be an important regulator of embryonic development. [provided by

RefSeq, Jun 2016]



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# **Product images:**

#### Donor Vector Edited Chromosome



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