

Product datasheet for KN213887LP

OriGene Technologies, Inc.

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NR5A2 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: NR5A2 Locus ID: 2494

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

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

KN213887LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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: <u>NM 001276464, NM 003822, NM 205860</u>

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

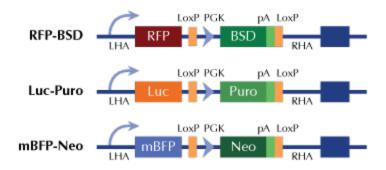
RefSeq, Jun 2016]





Product images:

Donor Vector Edited Chromosome



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