

Product datasheet for KN203924LP

OriGene Technologies, Inc.

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COUP TF1 (NR2F1) 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: COUP TF1

Locus ID: 7025

Components: KN203924G1, COUP TF1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN203924G2, COUP TF1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203924LPD, 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 005654</u>

UniProt ID: P10589

Synonyms: BBOAS; BBSOAS; COUP-TFI; EAR-3; EAR3; ERBAL3; NR2F2; SVP44; TCFCOUP1; TFCOUP1

Summary: The protein encoded by this gene is a nuclear hormone receptor and transcriptional

regulator. The encoded protein acts as a homodimer and binds to 5'-AGGTCA-3' repeats. Defects in this gene are a cause of Bosch-Boonstra optic atrophy syndrome (BBOAS).

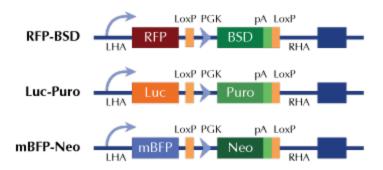
[provided by RefSeq, Apr 2014]





Product images:

Donor Vector Edited Chromosome



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