

Product datasheet for KN209784LP

OriGene Technologies, Inc.

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PARIS (ZNF746) 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: PARIS Locus ID: 155061

Components: KN209784G1, PARIS gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN209784G2, PARIS gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209784LPD, 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 001163474, NM 152557, NM 001363517</u>

UniProt ID: Q6NUN9
Synonyms: PARIS

Summary: Transcription repressor that specifically binds to the 5'-TATTTT[T/G]-3' consensus sequence

on promoters and repress transcription of PGC-1-alpha (PPARGC1A), thereby playing a role in

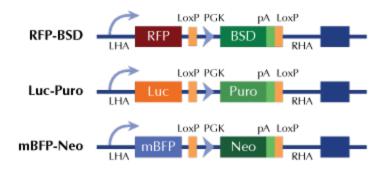
regulation of neuron death.[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



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