

Product datasheet for KN218000LP

OriGene Technologies, Inc.

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C19orf80 (ANGPTL8) 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: C19orf80 Locus ID: 55908

Components: KN218000G1, C19orf80 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN218000G2, C19orf80 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN218000LPD, 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:
 NM 018687

 UniProt ID:
 O6UXH0

Synonyms: C19orf80; PRO1185; PVPA599; RIFL; TD26

Summary: Hormone that acts as a blood lipid regulator by regulating serum triglyceride levels

(PubMed:22569073, PubMed:22809513, PubMed:23150577). May be involved in the

metabolic transition between fasting and refeeding: required to direct fatty acids to adipose

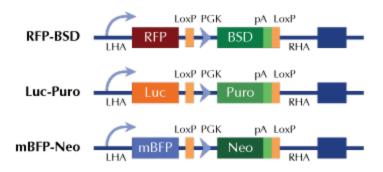
tissue for storage in the fed state (By similarity).[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



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