

Product datasheet for KN209144LP

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

PRPF40B 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: PRPF40B Locus ID: 25766

Components: KN209144G1, PRPF40B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN209144G2, PRPF40B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209144LPD, 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 001031698, NM 012272, NR 052006, NM 001363607

UniProt ID: Q6NWY9
Synonyms: HYPC

Summary: This gene encodes a WW-domain containing protein similar to yeast splicing factor PRP40.

This protein has been shown to interact with Huntingtin and methyl CpG binding protein 2 (MeCP2). Alternative splicing results in different transcript variants. [provided by RefSeq, Aug

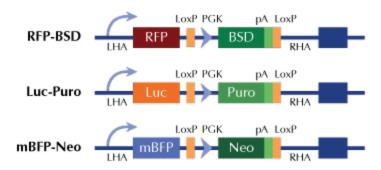
2014]





Product images:

Donor Vector Edited Chromosome



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