

Product datasheet for **KN209144**

PRPF40B Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: PRPF40B
Locus ID: 25766
Components: **KN209144G1**, PRPF40B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTAACATCCCCGCGCGGGGG
KN209144G2, PRPF40B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGCCGGGCCGTGGCCGATG
KN209144D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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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:

[Q6NWX9](#)

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:

