

Product datasheet for KN200185LP

OriGene Technologies, Inc.

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HIG2 (HILPDA) 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: HIG2 Locus ID: 29923

Components: KN200185G1, HIG2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN200185G2, HIG2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200185LPD, 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 001098786, NM 013332

UniProt ID: Q9Y5L2

Synonyms: C7orf68; HIG-2; HIG2

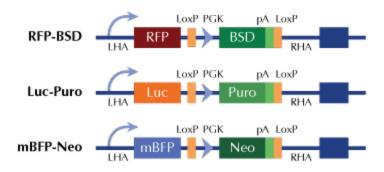
Summary: Increases intracellular lipid accumulation. Stimulates expression of cytokines including IL6,

MIF and VEGFA. Enhances cell growth and proliferation.[UniProtKB/Swiss-Prot Function]



Product images:

Donor Vector Edited Chromosome



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