

Product datasheet for KN223584LP

OriGene Technologies, Inc.

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LRIG1 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: LRIG1 Locus ID: 26018

Components: KN223584G1, LRIG1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN223584G2, LRIG1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN223584LPD, 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 015541</u>

UniProt ID: Q96JA1

Synonyms: LIG-1; LIG1

Summary: Acts as a feedback negative regulator of signaling by receptor tyrosine kinases, through a

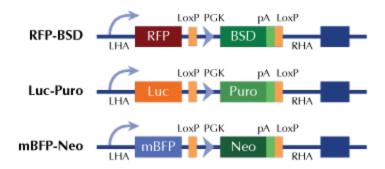
mechanism that involves enhancement of receptor ubiquitination and accelerated

intracellular degradation.[UniProtKB/Swiss-Prot Function]



Product images:

Donor Vector Edited Chromosome



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