

Product datasheet for **KN223584RB**

LRIG1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	LRIG1
Locus ID:	26018
Components:	<p>KN223584G1, LRIG1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGGCCGCTGCACTTGCGC</p> <p>KN223584G2, LRIG1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTGGCTGCTTTGCTTCGGC</p> <p>KN223584RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>Homologous arm and RFP-BSD sequences: pUC vector backbone in gray; Left arm sequence in blue; RFP-BSD in green; Right arm in violet</p> <pre> CCGCGCCGTC CAGCCCGAGG TCTACGGCTT TGCCTCCGA GCCAGAGGA AGATGCCTGC CGGCACCGAG CTCGGGCTGC GGGGCTGAAC GCCTGTCTTC CAGGCGCAGC GGCAGCACTG CCCTCGGCCG GTGTCGGTAG CGGCACTCGG CGTGCCCGG GCGGACGAAG AGCGCAGGCT GGGTACACCT TGCCCGAATC GCGGAGATTC GCAGTAGCG CGGGCGGGCC GGCCGGCCCG GATGGGCGCG GGGTTTGCGG CCCCCGCCG GTGCTCCGGA GCGGCCCGGG CACCGGGGGC ACGCTGAGTG CCGGAGCCGC GGCCGCAGAG AGAAGTTGGG GCGGGGGCCA TGCCCGGTG CGGAGTCTAG AGCCGAGCGG AGCGCCCGC GGGCCCGCC GCGTCTGCGG CCGTTCGGGT CCTCACAGTC CCCGCGCCG GAGTTCGAG CGCGCTCCAG ACAAGACTCG CTGGACTGCG GTGGGCGCGG GCTGGCTGCG TTGCCCGGGG ACCTGCCCTC CTGGACGCGG AGCCTGTGAG TGCCGCCCTT TCCGCCCTCT CTGCGCCCGG GGGCTCTGTC ACTTGGGGAT GGAGCGGCGG GGGTTCGTAC TCAGGGAGGG GGTGCGGACT GGTTGTGTG TGTGGAGTTG TCGTGCTTG TCGTGTGG AAGACTGTCA GGTTGGAGTG GCGGAAGGGA GATTCTGCGT GGAGTCCGG GGGAGTAGG GTGCGAGAGA GCCTGGAGAA GAAGAGCGTG CCTCGTGGG TCTGGAGACG AGCGAGCGTG GGTCTAGAG ATTTGGGGT TAGCCAGCAC GCGTCTGCG GGCCATCTGG GGTGAGTGA GTGGAGTCT GGAGCTGAGT GTTTTTCGG GTGAGTGGT GGGAAACGTC TGGAGAAGAG TGTGAAGAAG TCTGTGGGG TATGTGGGTG CGTTTCTTT TCTCTCTG TAATCCAAT ATTTGTGTGTC TGAGCTCCTT GGTCTTCCAG TGGTAATGA ATGAAGTGA CTGTTGGGTC CAGTCTTTCG TTTACATTAT TTATTAGTTG ATAGT </pre> <p>GE100003, scramble sequence in pCas-Guide vector</p>



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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_015541](#)

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:

