

# **Product datasheet for KN212747BN**

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## PRR6 (CENPV) Human Gene Knockout Kit (CRISPR)

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

**Format:** 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

**Donor DNA:** mBFP-Neo

Symbol: PRR6
Locus ID: 201161

**Components: KN212747G1**, PRR6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN212747G2**, PRR6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN212747BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 181716

 UniProt ID:
 Q7Z7K6

**Synonyms:** 3110013H01Rik; CENP-V; p30; PRR6

**Summary:** Required for distribution of pericentromeric heterochromatin in interphase nuclei and for

centromere formation and organization, chromosome alignment and cytokinesis.

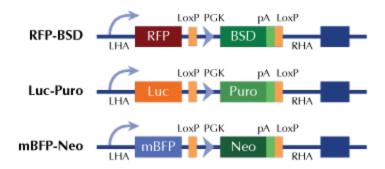
[UniProtKB/Swiss-Prot Function]





# **Product images:**

### Donor Vector Edited Chromosome



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