

## Product datasheet for KN205299BN

# **GNG4** 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

GNG4 Symbol: 2786 Locus ID:

**KN205299G1**, GNG4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

**KN205299G2**, GNG4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN205299BND, 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 001098721, NM 001098722, NM 004485

**UniProt ID:** P50150

Synonyms: DKFZp547K1018; FLJ23803; FLJ34187

Summary: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer

> in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.

[UniProtKB/Swiss-Prot Function]



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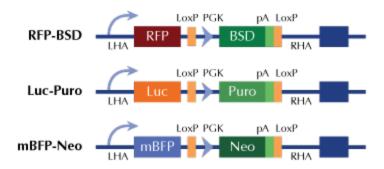
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## **Product images:**

### Donor Vector Edited Chromosome



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