

## **Product datasheet for KN211134LP**

### OriGene Technologies, Inc.

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### **INPP4B 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: INPP4B Locus ID: 8821

**Components: KN211134G1**, INPP4B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN211134G2, INPP4B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN211134LPD, 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 001101669</u>, <u>NM 001331040</u>, <u>NM 003866</u>

UniProt ID: <u>015327</u>

Synonyms: MGC132014

**Summary:** INPP4B encodes the inositol polyphosphate 4-phosphatase type II, one of the enzymes

involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 4 of the inositol ring from inositol 3,4-bisphosphate. There is limited data to

suggest that the human type II enzyme is subject to alternative splicing, as has been

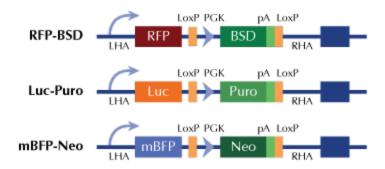
established for the type I enzyme. [provided by RefSeq, Jul 2008]





# **Product images:**

#### Donor Vector Edited Chromosome



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