

### Product datasheet for KN211861BN

# OriGene Technologies, Inc.

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#### **TPTE2 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: TPTE2 Locus ID: 93492

**Components: KN211861G1**, TPTE2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN211861G2, TPTE2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN211861BND, 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 001141968, NM 001271850, NM 130785, NM 199254, NM 199255, NR 073485,

NR 073486, NR 073487

UniProt ID: Q6XPS3
Synonyms: TPIP

**Summary:** TPIP is a member of a large class of membrane-associated phosphatases with substrate

specificity for the 3-position phosphate of inositol phospholipids.[supplied by OMIM, Jul 2002]



## **Product images:**

#### Donor Vector Edited Chromosome



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