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Product datasheet for KN211861RB

TPTE2 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: TPTE2

Locus ID: 93492

Components: **KN211861G1**, TPTE2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCACTAACCCATGCACACAG
KN211861G2, TPTE2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAAACATACAAGGAGACAGA
KN211861RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.
Homologous arm and RFP-BSD sequences:

pUC vector backbone in gray; Left arm sequence in blue; RFP-BSD in green; Right arm in violet

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AGAAGTAAGT TGGCCGCAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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CATCGTGGTG TCACGCTCGT CGTTTGGTAT GGCTTCATTC AGCTCCGGTT CCCAACGATC

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.

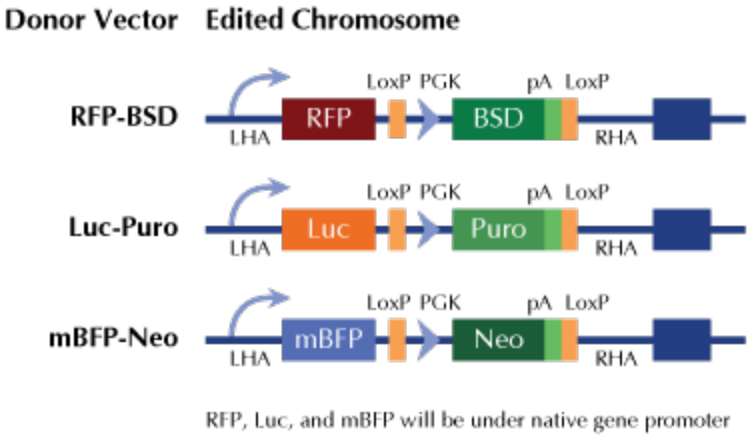
RefSeq: NM_001141968, NM_001271850, NM_130785, NM_199254, NM_199255, NR_073485, NR_073486, NR_073487

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:



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