

Product datasheet for **KN201185**

TIPRL Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: TIPRL
Locus ID: 261726
Components: **KN201185G1**, TIPRL gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CATCCGCCGACTTCATGATG
KN201185G2, TIPRL gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCCCGAAGCAGAAATCCCGG
KN201185D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 GGGGATCATG TAACTCGCCT T

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_001031800](#), [NM_152902](#)

UniProt ID:

[O75663](#)

Synonyms:

TIP; TIP41

Summary:

TIPRL is an inhibitory regulator of protein phosphatase-2A (PP2A) (see PPP2CA; MIM 176915), PP4 (see PPP4C; MIM 602035), and PP6 (see PPP6C; MIM 612725) (McConnell et al., 2007 [PubMed 17384681]).[supplied by OMIM, Nov 2010]

Product images:

