

Product datasheet for KN204486BN

TRP2 (DCT) 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

TRP2 Symbol: 1638 Locus ID:

KN204486G1, TRP2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN204486G2, TRP2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN204486BND, 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 001129889, NM 001922, NM 001322182, NM 001322183, NM 001322184,

NM 001322185, NM 001322186

UniProt ID: P40126

TRP-2: TYRP2 Synonyms:

Summary: Catalyzes the conversion of L-dopachrome into 5,6-dihydroxyindole-2-carboxylic acid (DHICA)

(PubMed:8306979). Involved in regulating eumelanin and phaeomelanin levels.

[UniProtKB/Swiss-Prot Function]



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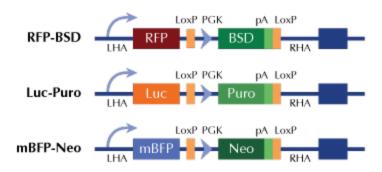
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Product images:

Donor Vector Edited Chromosome



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