

Product datasheet for KN203610BN

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TENT2 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: TENT2 Locus ID: 167153

KN203610G1, TENT2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN203610G2, TENT2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203610BND, 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 001114393, NM 001114394, NM 001297744, NM 001297745, NM 173797,

NM 001349548, NM 001349549, NM 001349550, NM 001349551, NM 001349552,

NM 001349553, NM 001349554

UniProt ID: Q6PIY7

Synonyms: GLD2; TUT2

Summary: Cytoplasmic poly(A) RNA polymerase that adds successive AMP monomers to the 3'-end of

> specific RNAs, forming a poly(A) tail. In contrast to the canonical nuclear poly(A) RNA polymerase, it only adds poly(A) to selected cytoplasmic mRNAs (PubMed:15070731). Does not play a role in replication-dependent histone mRNA degradation (PubMed:18172165). Adds a single nucleotide to the 3' end of specific miRNAs, monoadenylation stabilizes and prolongs the activity of some but not all miRNAs (PubMed:23200856).[UniProtKB/Swiss-Prot

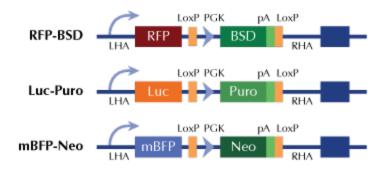
Function]





Product images:

Donor Vector Edited Chromosome



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