

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
Symbol:	TRP2
Locus ID:	1638
Components:	KN204486G1 , TRP2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) 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
Synonyms:	TRP-2; TYRP2
Summary:	Catalyzes the conversion of L-dopachrome into 5,6-dihydroxyindole-2-carboxylic acid (DHICA) (PubMed:8306979). Involved in regulating eumelanin and pheomelanin levels. [UniProtKB/Swiss-Prot Function]



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Product images:

