

Product datasheet for KN203377BN

TOE1 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

TOE1 Symbol:

114034 Locus ID:

KN203377G1, TOE1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN203377G2, TOE1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203377BND, 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 025077 **UniProt ID:** Q96GM8

Synonyms: FLJ13949

Summary: Inhibits cell growth rate and cell cycle. Induces CDKN1A expression as well as TGF-beta

> expression. Mediates the inhibitory growth effect of EGR1. Involved in the maturation of snRNAs and snRNA 3'-tail processing (PubMed:28092684).[UniProtKB/Swiss-Prot Function]

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

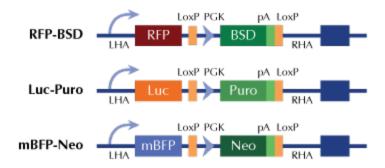
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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