

Product datasheet for **KN203377**

TOE1 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:	TOE1
Locus ID:	114034
Components:	KN203377G1 , TOE1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AACTGCGCCATCGTCACTGT KN203377G2 , TOE1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GACGGTGAGCGGCTTCCCAG KN203377D , donor DNA containing left and right homologous arms and GFP-puro 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]



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Product images:

