

## Product datasheet for **KN204767LP**

### TTDN1 (MPLKIP) Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	TTDN1
Locus ID:	136647
Components:	<b>KN204767G1</b> , TTDN1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN204767G2</b> , TTDN1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN204767LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_138701</a>
UniProt ID:	<a href="#">Q8TAP9</a>
Synonyms:	ABHS; C7orf11; ORF20; TTD4
Summary:	The protein encoded by this gene localizes to the centrosome during mitosis and to the midbody during cytokinesis. The protein is phosphorylated by cyclin-dependent kinase 1 during mitosis and subsequently interacts with polo-like kinase 1. The protein is thought to function in regulating mitosis and cytokinesis. Mutations in this gene result in nonphotosensitive trichothiodystrophy. [provided by RefSeq, Nov 2009]



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## Product images:

