

## Product datasheet for **KN213699RB**

### MTTP Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	MTTP
Locus ID:	4547
Components:	<b>KN213699G1</b> , MTTP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN213699G2</b> , MTTP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN213699RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD 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_000253</a> , <a href="#">NM_001300785</a>
UniProt ID:	<a href="#">P55157</a>
Synonyms:	ABL; MTP
Summary:	MTP encodes the large subunit of the heterodimeric microsomal triglyceride transfer protein. Protein disulfide isomerase (PDI) completes the heterodimeric microsomal triglyceride transfer protein, which has been shown to play a central role in lipoprotein assembly. Mutations in MTP can cause abetalipoproteinemia. [provided by RefSeq, Jul 2008]



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## Product images:

