

Product datasheet for **KN207805RB**

TTL 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:	TTL
Locus ID:	150465
Components:	KN207805G1 , TTL gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN207805G2 , TTL gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN207805RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_153712](#)

UniProt ID: [Q8NG68](#)

Synonyms: MGC46235

Summary: TTL is a cytosolic enzyme involved in the posttranslational modification of alpha-tubulin (see MIM 602529). Alpha-tubulin within assembled microtubules is de tyrosinated over time at the C terminus. After microtubule disassembly, TTL restores the tyrosine residues and consequently participates in a cycle of tubulin de tyrosination and tyrosination (Erck et al., 2003 [PubMed 14571137]).[supplied by OMIM, Mar 2008]



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Product images:

