

Product datasheet for KN207805BN

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

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

TTL 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

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)

KN207805BND, 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 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 detyrosinated over time at the

C terminus. After microtubule disassembly, TTL restores the tyrosine residues and

consequently participates in a cycle of tubulin detyrosination and tyrosination (Erck et al.,

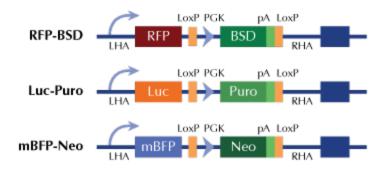
2003 [PubMed 14571137]).[supplied by OMIM, Mar 2008]





Product images:

Donor Vector Edited Chromosome



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