

Product datasheet for KN206339LP

OriGene Technologies, Inc.

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TUBB4B 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: TUBB4B Locus ID: 10383

Components: KN206339G1, TUBB4B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN206339G2, TUBB4B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206339LPD, donor DNA containing left and right homologous arms and Luciferase-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: <u>NM 006088</u>

UniProt ID: <u>P68371</u>

Synonyms: Beta2; TUBB2; TUBB2C

Summary: Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an

exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.

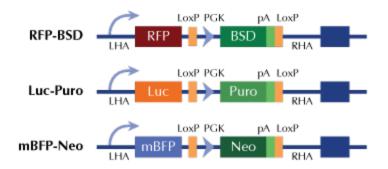
[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



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