

Product datasheet for KN209061BN

OriGene Technologies, Inc.

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c-Myb (MYB) 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: c-Myb Locus ID: 4602

Components: KN209061G1, c-Myb gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN209061G2, c-Myb gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209061BND, 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 001130172, NM 001130173, NM 001161656, NM 001161657, NM 001161658,

NM 001161659, NM 001161660, NM 005375, NR 134958, NR 134959, NR 134960,

NR 134961, NR 134962, NR 134963, NR 134964, NR 134965

UniProt ID: P10242

Synonyms: c-myb; c-myb_CDS; Cmyb; efg

Summary: This gene encodes a protein with three HTH DNA-binding domains that functions as a

transcription regulator. This protein plays an essential role in the regulation of hematopoiesis. This gene may be aberrently expressed or rearranged or undergo

translocation in leukemias and lymphomas, and is considered to be an oncogene. Alternative

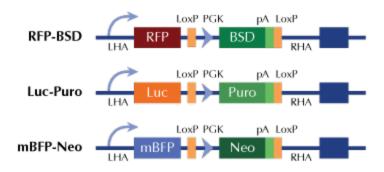
splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]





Product images:

Donor Vector Edited Chromosome



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