

Product datasheet for KN209061RB

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c-Myb (MYB) 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 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)

KN209061RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

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

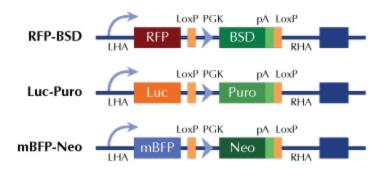
translocation in leukemias and lymphomas, and is considered to be an oncogene. Alternative

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