

Product datasheet for KN215839LP

OriGene Technologies, Inc.

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BTF (BCLAF1) 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: BTF Locus ID: 9774

Components: KN215839G1, BTF gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN215839G2, BTF gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN215839LPD, 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: NM 001077440, NM 001077441, NM 001301038, NM 014739, NM 001363659

UniProt ID: Q9NYF8

Synonyms: bK211L9.1; BTF

Summary: This gene encodes a transcriptional repressor that interacts with several members of the

BCL2 family of proteins. Overexpression of this protein induces apoptosis, which can be suppressed by co-expression of BCL2 proteins. The protein localizes to dot-like structures throughout the nucleus, and redistributes to a zone near the nuclear envelope in cells undergoing apoptosis. Multiple transcript variants encoding different isoforms have been

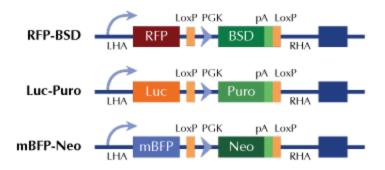
found for this gene. [provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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