

Product datasheet for KN208851BN

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

BCMA (TNFRSF17) 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: BCMA

Locus ID: 608

Components: KN208851G1, BCMA gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target

Sequence: GAAGAACATCGAAGTTGACA

KN208851G2, BCMA gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target

Sequence: TAACGCTGACATGTTAGAGG

KN208851BND, 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: <u>NM 001192</u>

UniProt ID: Q02223

Synonyms: BCM; BCMA; CD269; TNFRSF13A

Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor

is preferentially expressed in mature B lymphocytes, and may be important for B cell

development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided

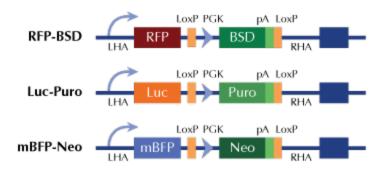
by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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