

Product datasheet for KN217580RB

FOXP3 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: FOXP3 Symbol: Locus ID: 50943

KN217580G1, FOXP3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN217580G2, FOXP3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN217580RBD, donor DNA containing left and right homologous arms and RFP-BSD

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 001114377, NM 014009

UniProt ID: Q9BZS1

Synonyms: AIID; DIETER; IPEX; JM2; PIDX; XPID

Summary: The protein encoded by this gene is a member of the forkhead/winged-helix family of

> transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

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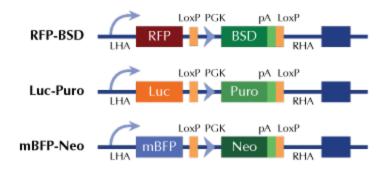
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Product images:

Donor Vector Edited Chromosome



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