

Product datasheet for KN317567BN

Tigit Mouse 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: Tigit

Locus ID: 100043314

Components: KN317567G1, Tigit gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN317567G2, Tigit gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN317567BND, 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 001146325</u>

Synonyms: ENSMUSG00000071552; Vstm3

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Product images:

Donor Vector Edited Chromosome



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